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INDICES OF MEAN MONTHLY GEOSTROPHIC WIND OVER THE NORTH PACIFIC OCEAN

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FISH AND WILDLIFE SERVICE

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United States Department of the Interior, Fred A. Seaton, Secretary
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INDICES OF MEAN MONTHLY GEOSTROPHIC WIND OVER THE NORTH PACIFIC OCEAN

by

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United States Fish and Wildlife Service
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INDICES OF MEAN MONTHLY GEOSTROPHIC WIND OVER THE NORTH PACIFIC OCEAN

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ABSTRACT

Geostrophic wind components computed from monthly mean atmospheric sea level pressure charts are employed as indices of wind intensity over the principal current systems in the North Pacific Ocean. Pressure differences across pairs of points at 36 locations and deviations from long-term monthly means are tabulated for a 33-year period, 1926-58.

The data for certain locations were combined to form regional indices representing wind components tangential to the major North Pacific Ocean currents. The mean seasonal cycles of these indices show marked differences in phase and amplitude for the various regions. Monthly anomalies are found to have generally larger magnitudes in winter months than in other seasons. Some evidence of long-term trends is indicated by graphical representation of time series and decade means. In particular, weak wind components occurred over the Oyashio and Alaska currents during the winter months of the period 1946-55, while over the California current the wind components were stronger, than during the previous two decades.

Application of the wind index data is illustrated by a simple comparison with sea temperature. A correlation was found between paired values of wind indices and sea temperatures off British Columbia for January, which is consistent with the concept of wind-induced advection. Similarly paired values for later months were not significantly correlated. A tentative explanation may lie in the larger magnitude of wind fluctuations in January, coupled with persistence of the sea temperature anomalies.

INTRODUCTION

An understanding of the environmental causes of fluctuations in the stocks of fish comprising our commercial marine fishery resources has been impeded by the complexity of the environment and by the lack of adequate information about it. This report provides data on one element that plays a major role in the complex train of events affecting the physical environment of our Pacific Ocean fish populations. This element is atmospheric circulation.

It is known that the surface circulation of the Pacific Ocean is driven primarily by the winds. It follows that variations in the winds will cause changes in the surface ocean currents; they are also known to alter the amount of vertical mixing and influence the intensity of upwelling. These changes in turn affect the physical and chemical properties of the sea water and change the kinds and quantities of living organisms supported by the several areas of the Pacific.

It would be desirable to measure directly these various things throughout all of the ocean and continuously through time, but this is neither technically possible because we do not know what to measure,

especially as to the living organisms or the trace chemicals, nor is it practically feasible because of the high cost of making multifold continuous observations at sea of even a very few parameters.

On the other hand, the far flung system of recording atmospheric conditions at sea and on neighboring land has amassed a vast store of information with the required continuity in time and space. Our purpose is to put at the disposal of marine biologists in general, and fishery biologists in particular, a numerical description of one category of atmospheric events for their use in studying the fluctuations of particular populations of living organisms. It is hoped that the information also will assist researchers interested in atmosphere-ocean interrelationships. Since the events described are several steps removed from the events impinging on the organisms and are related through intermediate processes, we have preceded the tabular matter with explanations of the nature of the data and given one comparatively simple example suggesting how the information may help to elucidate population fluctuation problems.

BASIC DATA

Atmospheric pressure at sea level was selected as the category of data from which significant oscillations in the major wind systems could be most readily inferred over large areas of the Pacific appropriate for further inferences as to the movements and properties of the several water masses of the ocean. These data are readily available for a reasonably long period of record in the form of synoptic charts and mean charts for various time intervals.

Sources and Definitions

Specifically, we have used monthly mean sea level pressure charts kindly supplied by the U. S. Weather Bureau. The charts utilized cover the period from 1926 to 1958 with a gap from July 1939 to September 1940. A few gaps also occur in the data over the western Pacific for the period of World War II. Information from the charts was reduced to a set of numerical indices intended to describe simply, albeit crudely, the variations which have occurred over the past thirty years in those portions of the wind system which appear most effective in driving the Pacific Ocean surface circulation. The index system was designed for study of both regional and ocean-wide phenomena.

The wind indices were derived from the pressure charts using the geostrophic approximation. This approximation, based on the distribution of pressure, gives the motion the air would assume under the force exerted by the horizontal gradient of atmospheric pressure in balance with the force imparted by the earth's rotation. Because it assumes a hypothetical condition in which friction, acceleration, and boundary conditions are neglected, the "geostrophic wind" differs somewhat from the observed wind. For the present application the differences are not serious except possibly in areas south of 30° latitude. Owing to the space and time scale used for constructing the indices, small-scale, short-term perturbations are not registered. Thus the indices pertain to the general, broad-scale motion, which is the part of the motion spectrum that we desire to portray. There is also a systematic deviation of observed wind, at sea level, to the left of the geostrophic wind in the northern hemisphere. Since the wind imparts to the water a motion that is to the right of the wind stress direction, the geostrophic wind more nearly approximates the direction of induced water movement than would the actual observed winds. Moreover, of the data available we consider the pressure observations to be more reliable than the wind observations for this application. Fortunately, the pressure gradients can be computed quickly from the isobars appearing on the conventional weather charts.

In the data given here, pressure differences were taken across 36 pairs of geographically fixed points in selected areas of the Pacific. The component of geostrophic wind normal to the line joining two points is proportional to the pressure difference between them. This relation can be expressed as follows:

$$(1) \qquad V = \frac{1}{2\Omega\rho \sin\phi} \frac{\Delta p}{\Delta s}$$

where Δp is the pressure difference between points separated by a distance Δs, Ω is the angular velocity of the earth, ρ is air density and ϕ is latitude. To facilitate computation of wind components, the correction for latitude in the geostrophic

relation was incorporated into the distance separating the points such that

$$\Delta s(\text{naut. miles}) = \frac{300}{\sin \phi} \quad (2)$$

Using this convention, Δs varies from 350 nautical miles at 60° latitude to 600 nautical miles at 30° latitude. Pressure gradients at latitudes below 30° were approximated by taking pressure differences across distances equal to one-half those specified by equation (2) and doubling the values so obtained.

Substituting equation (2) into equation (1) and setting $\Omega = 7.29 \times 10^{-5}$ per sec and $\rho = 1.25 \times 10^{-3}$ ton/m^3, we have

$$V \text{ (m/sec)} = 0.99 \, \Delta p \text{ (mb)}$$

Thus, pressure difference values read from the charts in millibars can be conveniently interpreted as wind components in m/sec.

System of Indices

The network of points used for computing pressure gradients is illustrated in figure 1. The points of each pair are shown joined by a heavy solid line and are labeled with an identifying location number. The positive direction assigned to the geostrophic wind component at each location is indicated by a short arrow. This network was inscribed on a transparent overlay for use in reading data from the pressure charts. Linear interpolation was employed.

A similar system of geostrophic indices involving pressure differences between pairs of points, each separated by a distance inversely proportional to the sine of their mean latitude, was used by Chase (1954) to describe mean seasonal cycles and fluctuations over a 3-year period in the North Atlantic Trades and Westerlies.

Figure 2 (page 4) shows the relation of the pressure gradient network to the mean

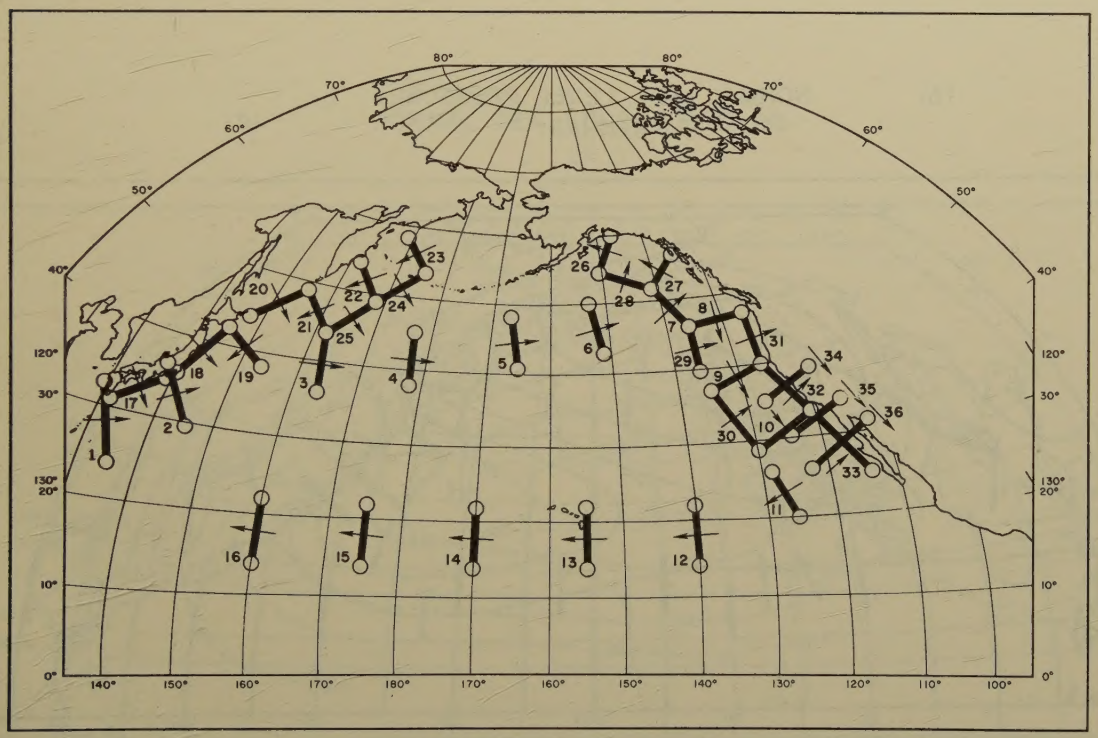

Figure 1.--Location charts showing points, marked by open circles, between which pressure differences tabulated in table 1 were read. Arrows indicate positive direction of the geostrophic wind component associated with each point pair.

(a) SURFACE CIRCULATION IN THE NORTH PACIFIC OCEAN
WINTER

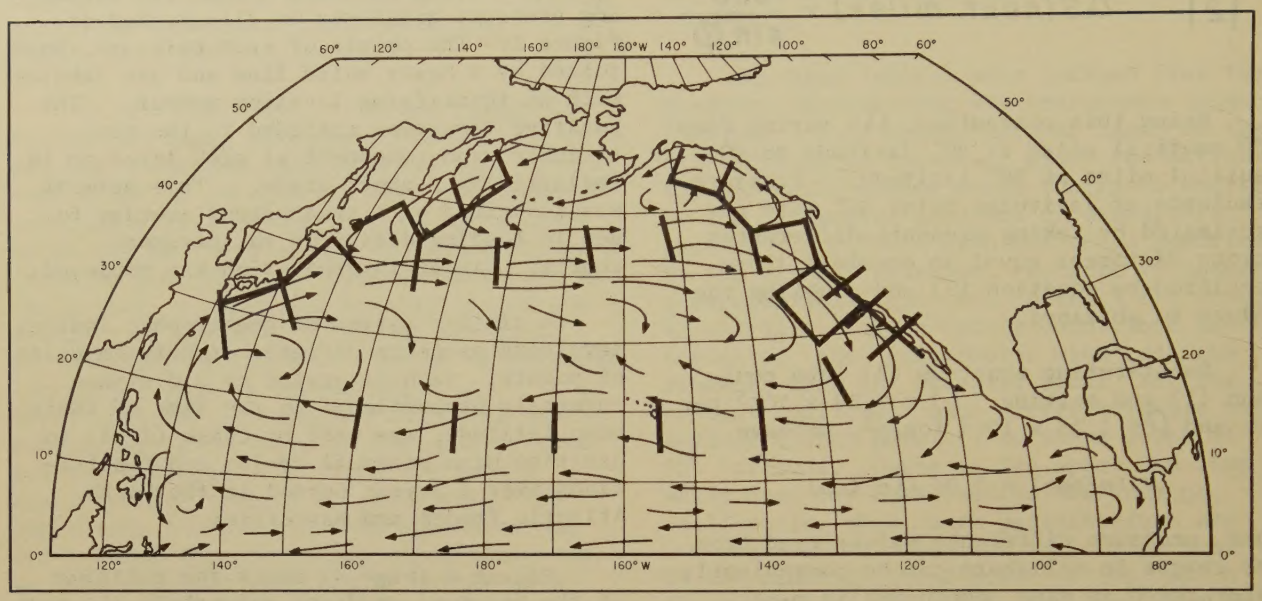

Figure 2a.--Ocean circulation in winter. (Adapted from G. Shott., Geographie des Indischen und Stillen Ozeans, and U. S. Hydrographic Office, Pilot Charts.) Short-line segments show pressure gradient network from figure 1.

(b) NORMAL SEA LEVEL PRESSURE
JANUARY

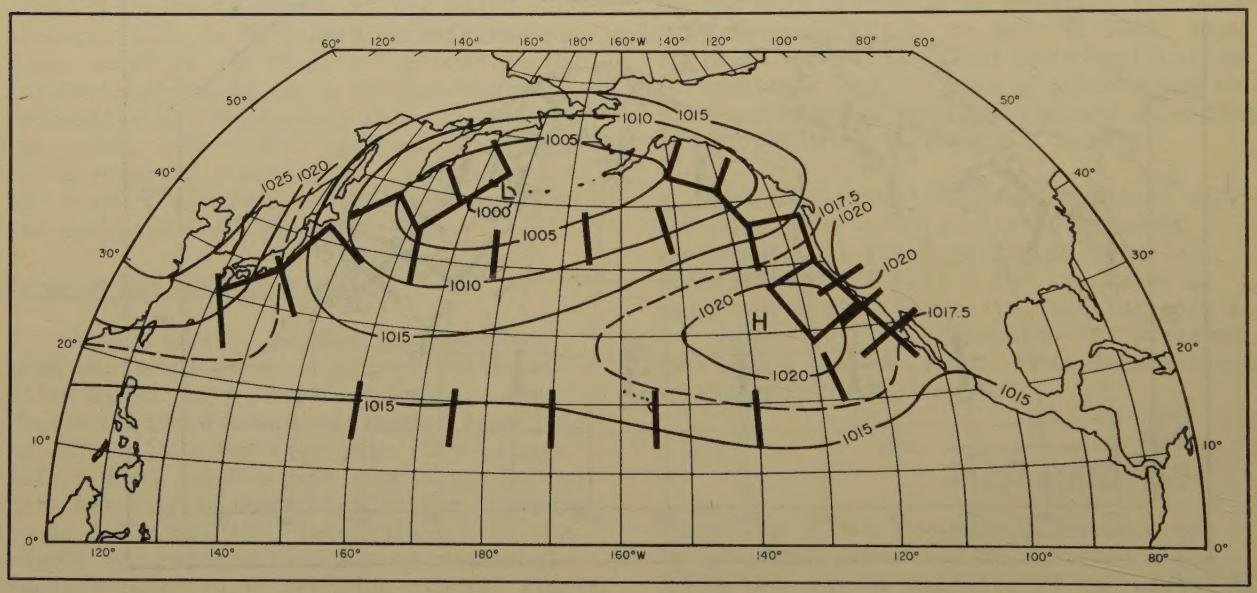

Figure 2b.--Normal sea level pressure distribution for January. (Adapted from Normal Weather Charts for the Northern Hemisphere, Technical Paper No. 21, U. S. Department of Commerce, Weather Bureau.)

(a) SURFACE CIRCULATION IN THE NORTH PACIFIC OCEAN
SUMMER

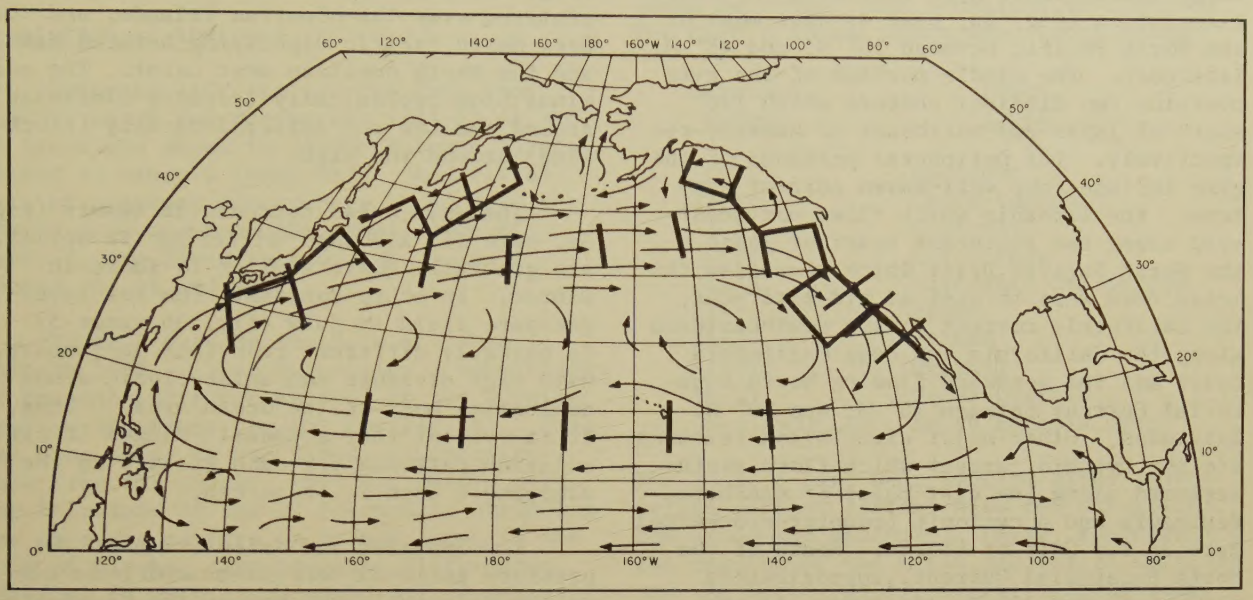

Figure 3a. --Ocean circulation in Summer. Short line segments show pressure gradient network from figure 1.

(b) NORMAL SEA LEVEL PRESSURE
JULY

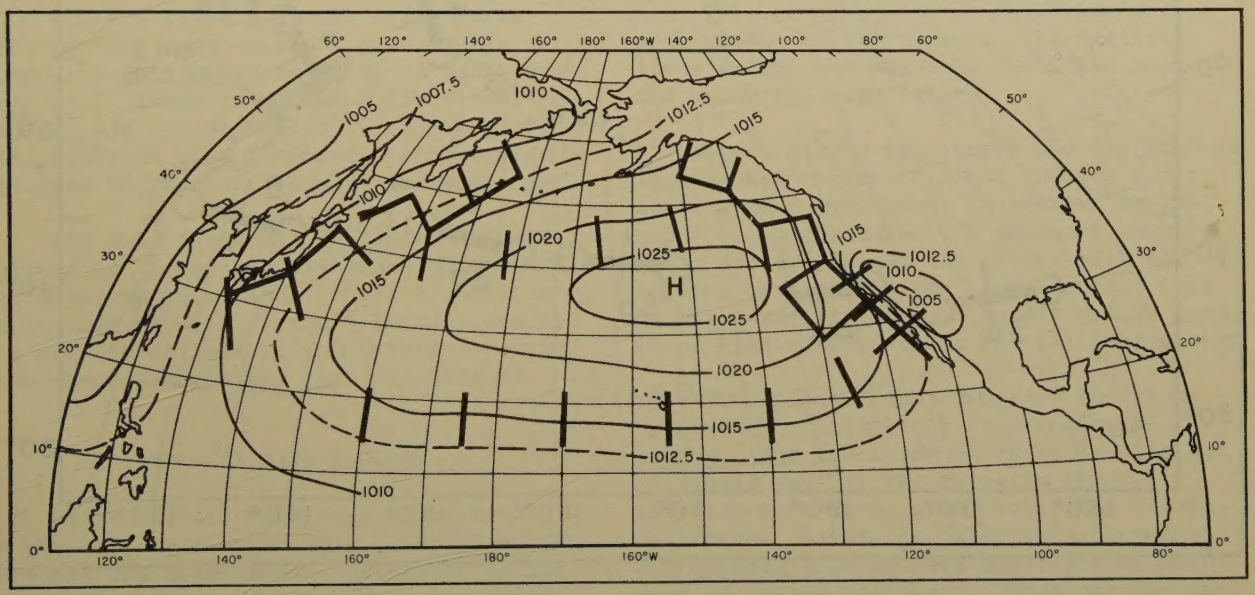

Figure 3b. --Normal sea level pressure distribution for July.

winter ocean circulation and the mean sea level pressure distribution in January. A large anticyclonic gyre dominates the ocean circulation (fig. 2a, page 4) over most of the North Pacific between 10° N. and 45° N. latitudes. The middle portion of the gyre contains two distinct centers which lie south of Japan and northeast of Hawaii, respectively. The peripheral portions of the gyre include four well-known current systems: the Kuroshio which flows northeastward along the southeast coast of Japan, the North Pacific Drift which traverses the ocean from west to east at mid-latitudes, the California current moving southeastward along the California and Baja California coast and the westward flowing North Equatorial Current between 10° N. and 20° N. latitudes. Other major circulation features are the Oyashio current which flows southwestward along the east coast of Kamchatka Peninsula and a cyclonic (counter-clockwise) gyre in the Gulf of Alaska. South of the North Equatorial Current, approximately between 5° and 10° N. latitudes, is the eastward flowing Equatorial Countercurrent.

The principal features of the atmospheric sea level pressure field in January (fig. 2b, page 4) are the Aleutian Low, centered over the Aleutian Islands, and the East North Pacific High lying between Hawaii and the North American west coast. The mean winds blow cyclonically (counter-clockwise) around the Low and anticyclonically (clockwise) around the High.

The mean ocean currents in summer (fig. 3a, page 5), although differing in detail, are generally quite similar to those in winter. In sharp contrast, the sea level pressure field in July (fig. 3b, page 5) is markedly different from that in January, with high pressure and anticyclonic winds dominating most of the ocean area. Thus, it is evident that seasonal changes in circulation patterns are much greater in the atmosphere than in the ocean.

The location and orientation of the pressure gradients were chosen with reference to the principal branches of the ocean circulation. In doing this we hoped to define

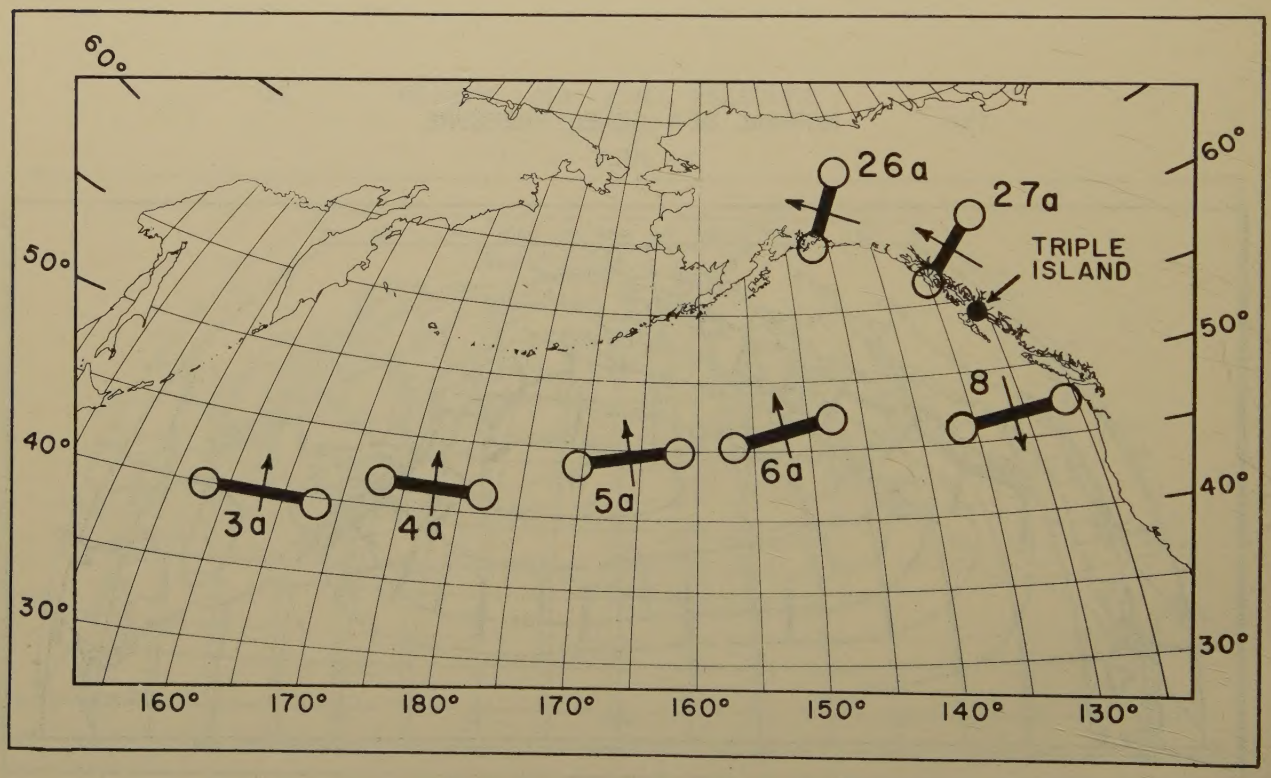

Figure 4.--Location of points, marked by open circles, used for reading supplementary pressure differences given in tables 3 and 4. Triple Island and location 8 are also shown.

a set of indices which would reveal fluctuations in atmospheric circulation likely to have a significant effect on water movements.

Tabulation of Indices

Pressure differences read from each monthly chart for the period 1926-57 at the 36 locations shown in figure 1 (page 3) are listed in table 1 (page 18). Additional sets of pressure differences, read from the charts subsequent to the compilation of table 1, are given in tables 2, 3 and 4 (pages 90, 91 and 92).

Table 2 extends the data of table 1 through 1958. Table 3 contains a tabulation of pressure differences read at the supplementary locations 26a and 27a (fig. 4). This was done after it was noted, in checking back over the charts, that the points marking locations 26 and 27 frequently straddled low pressure centers or trough lines in the Gulf of Alaska. The pressure differences obtained in such cases would not necessarily be representative of wind strength over the portion of the Alaska current immediately adjacent to the coast. This criticism also applies to locations 26a and 27a which represent pressure gradients entirely over land areas. However, the data obtained for these locations are useful in demonstrating the influence of coastal topography on the positions of pressure systems. This point is discussed further in a later section.

Table 4 lists pressure differences representing cross-current geostrophic wind components at locations 3a to 6a inclusive (fig. 4). These data, which cover only the twelve year period 1946-57, complement the along-current wind components represented by pressure differences read at locations 3-6.

The data contained in tables 1-4 were derived as an exploratory means of summarizing mean pressure data. Their significance as indices of wind strength in relation to the problem of interaction between sea and atmosphere has not yet been established.

REGIONAL WIND INDICES

Analyses have been made on portions of the data to provide some information on seasonal and nonseasonal variations in sea level atmospheric circulation. For this purpose, the pressure differences for selected locations were averaged to give regional indices of mean geostrophic wind speed both parallel and perpendicular to the ocean currents. The locations so combined for each regional index are listed below:

Location number	Index label
1-2	Kuroshio
17-18	Cross-Kuroshio
3-6	Westerly
9-10	California
34-36	Alternate California
11-16	Trade
26-27	Alaska
21-23	Oyashio
24-25	Cross-Oyashio
1-6, 9-16, 29	North Pacific Gyre

The indices have been labeled after appropriate current systems with two exceptions, the Trade and Westerly. These, representing the regions of the North Equatorial Current and the North Pacific Drift, respectively, are designated by the common names of the prevailing winds in those regions.

Average pressure differences and monthly anomalies from the 1926-57 means are given for each regional index in table 5 (page 94).

Graphs of mean monthly magnitude and variability of the wind indices are shown for certain regions in figure 5 (pages 8 and 9). The ordinate of each point gives the mean of the monthly means. The vertical lines extend one standard deviation above and below the mean values.

These graphs illustrate the differences in seasonal cycles of those indices representing wind components tangential to the major ocean currents. A dominant annual cycle appears in all the curves with the exception of that for the Trade index. Even in this case, spring and summer values tend to be greater than those for fall and winter.

The seasonal amplitudes of the grand means vary considerably from region to region. For the Trade index it is only two millibars and for the Westerly index, slightly over three millibars. The Alaska, California, Alternate California, Kuroshio and Oyashio indices have amplitude between four and seven millibars. That for the inland Alaska index exceeds twelve millibars.

The algebraic signs of index values representing tangential wind components are positive for winds blowing with the corresponding ocean currents and negative for opposing winds. Considered in this sense, the annual cycles for the Westerly, Oyashio and Alaska indices are nearly 180° out of phase with those for the Kuroshio, California and Trade indices. Opposing winds (negative index values) occur over the Oyashio and Alaska currents in summer and over the Kuroshio current in winter.

The year-to-year variability for given months, as indicated by the standard deviation lines, is generally greater for winter than for summer months. However, for the Kuroshio and Alternate California indices, the variability is quite uniform throughout the year. Moreover, in these two cases the monthly variability is small relative to the seasonal amplitude, in contrast to other regions (Westerly, Trade, Oyashio and Alaska) where it is comparable in magnitude or larger than the seasonal amplitude.

The cross-current components, listed in table 4 (page 92), provide a measure of the meridional air flow in the region of the North Pacific Drift. The mean monthly cross-current values are shown graphically for locations 3a-6a in figure 6. Northward components are plotted as positive values and southward components are negatives. Compared to the zonal components, in the Westerlies, the magnitudes of the mean cross-current components are small, with pressure differences generally less than three millibars. The seasonal patterns differ considerably at the different

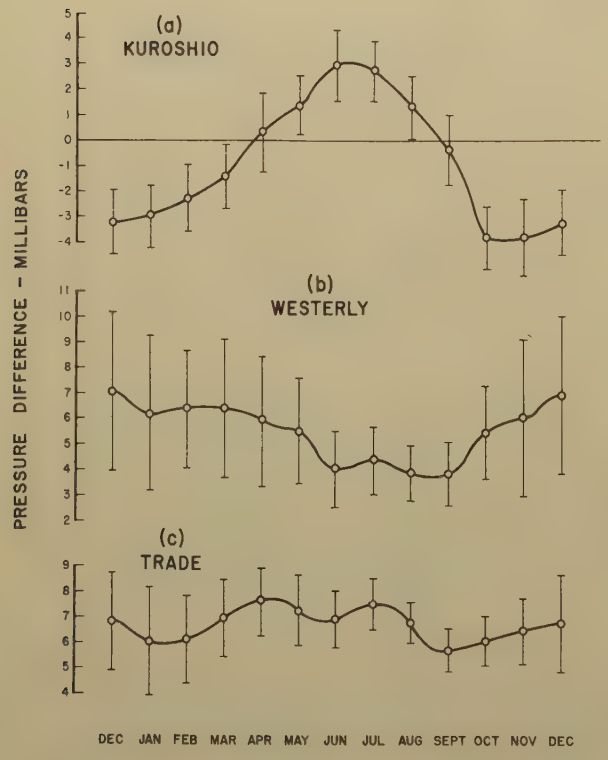

Figure 5a, b, c.--Grand monthly means of pressure differences for period 1926-57. (a) Kuroshio index, (b) Westerly index; (c) Trade index. The vertical lines drawn through each point extend one standard deviation above and below the monthly mean values.

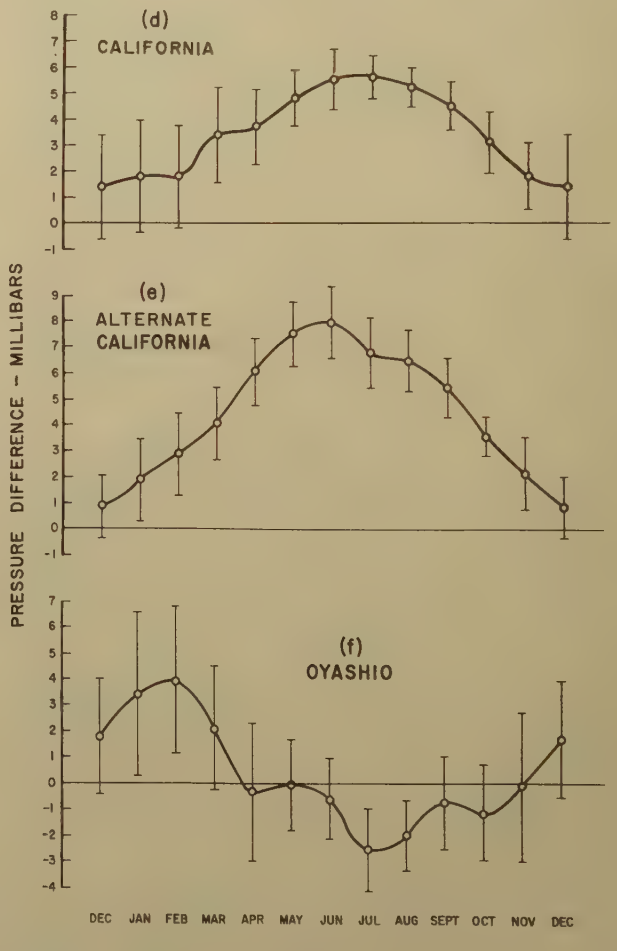

Figure 5d, e, f.--Grand monthly means of pressure differences for period 1926-57. (d) California index; (e) Alternate California index; (f) Oyashio index. The vertical lines drawn through each point extend one standard deviation above and below the monthly mean values.

locations and in most cases are rather irregular, probably due to large year-to-year variability for given months. Since only twelve years are represented, standard deviations were not computed for these data.

REPRESENTATIVENESS OF INDICES

Zonal wind indices based on pressure gradients in the region of the northern hemisphere westerlies have been widely applied in meteorology to indicate significant aspects of air circulation. While the Westerly index defined in this report is not strictly zonal, it is nearly so and represents wind components near the axis of the mean maximum westerly flow.

Since this axis may shift north or south from its normal position in individual months it was considered important to test the sensitivity of the Westerly index used here to fluctuations in the maximum intensity of Westerly geostrophic winds over the North Pacific.

Accordingly, a procedure was adopted in which values of the "maximum westerly components" were obtained by extending the line through the two points defining each location in the Westerly index (3-6) north and south, respectively, to 55° and 30° N. latitude. By successive trials, the maximum pressure difference along each line was determined across a distance equal to 300/(sine of latitude) nautical miles. Monthly values so obtained for the period 1946-57 are tabulated in table 6 (page 104). The column labeled "DSP" (displacement) shows whether the maximum value occurred south (S), north (N) or at the same latitude (X) as the fixed locations shown in figure 1 (page 3).

The maximum pressure differences obtained at the four locations on each

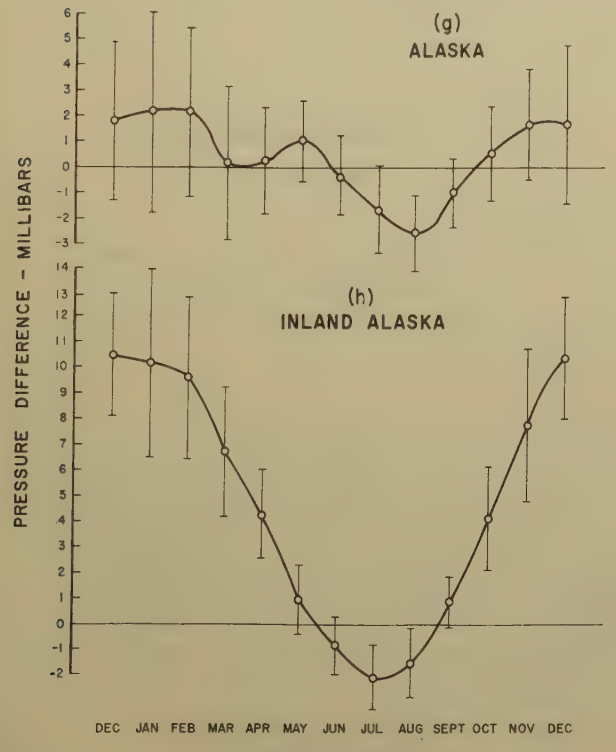

Figure 5g, h.--Grand monthly means of pressure differences for period 1926-57. (g) Alaska index; (h) Inland Index. The vertical lines drawn through each point extend one standard deviation above and below the monthly mean values.

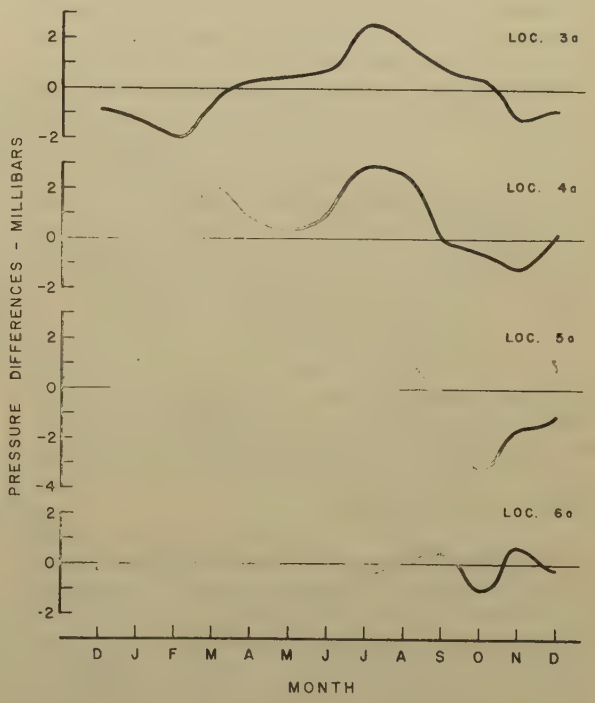

Figure 6.--Pressure differences representing "cross-current" wind components at locations 3a-6a averaged by month for period 1946-57.

monthly chart were averaged. Figure 7 shows a comparison of the average maximum westerly components with corresponding values of the Westerly index for winter (Dec., Jan., Feb.) and summer (June, July, Aug.) during the period 1947-57. In general high values of the index are associated with high values of maximum gradient and in no instance are very low values of index associated with very high values of maximum gradient. However, the latter may often exceed the former by more than 50 percent. This is true of about one-third of the cases for the winter season and one-thirtieth for the summer season. These wide differences are confined to the medium and low values. The spring and fall seasons, not illustrated, are similar in these features. Thus the index values do indeed reflect changes in intensity of atmospheric circulation but for purposes where the speed at the axis of the wind stream may be important the index values would not serve as a quantitative expression of intensity.

The graphs in figure 5 (g and h, page 9) for the two Alaska indices illustrate a case of extreme disparity between similarly oriented measures of the geostrophic wind field in adjacent areas. Although both indices exhibit greater variability in winter than in summer, there is little agreement in the year-to-year fluctuations of monthly anomalies. Correlation coefficients computed from corresponding monthly anomalies of the two Alaska indices, for each season, are 0.30 (winter), 0.13 (spring), 0.31 (summer) and 0.40 (fall). Since pressure gradients were often measured across low centers or troughs at locations 26 and 27 and always over land at locations 26a and 27a, probably neither index by itself is a reliable measure of wind strength over the Alaska current.

It appears reasonable to speculate that the index based on the offshore locations might be the more representative of the two. However, a comparative study with observed winds should be made to determine their relative significance.

Another pair of indices representing similarly oriented wind components in adjacent areas are the California (locations 9, 10) and the Alternate California (locations 34, 35, 36). Comparing the monthly anomalies of these indices for each season, as above, gives moderately good correlation coefficients for winter (0.64), spring (0.71) and fall (0.76), but shows poor correlation for

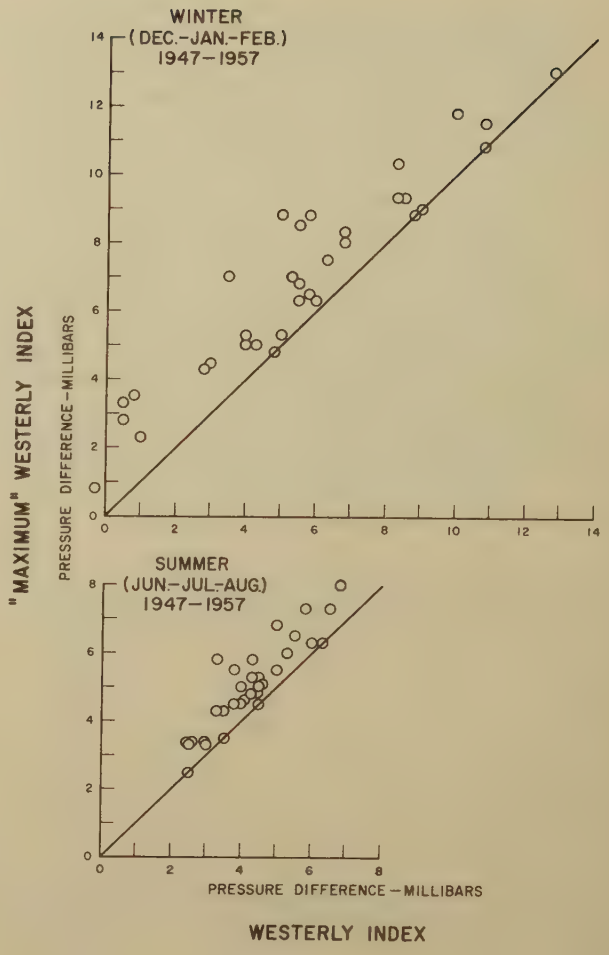

Figure 7.--Pressure differences representing "maximum westerly" wind components (defined in text), plotted against values of westerly index for (a) winter months and (b) summer months.

summer (0.37).

In this case also, one of the indices represents pressure gradients partially extending over land areas (locations 34, 35, 36). In summer these are strongly affected by high temperatures in the valleys and deserts inland from the coast. For this reason gradients at locations 9 and 10 are probably more representative of summer offshore winds.

DECADE MEANS

Comparison of the decade means listed in table 1 (page 18) provides an indication of the long-term stability and trends for the

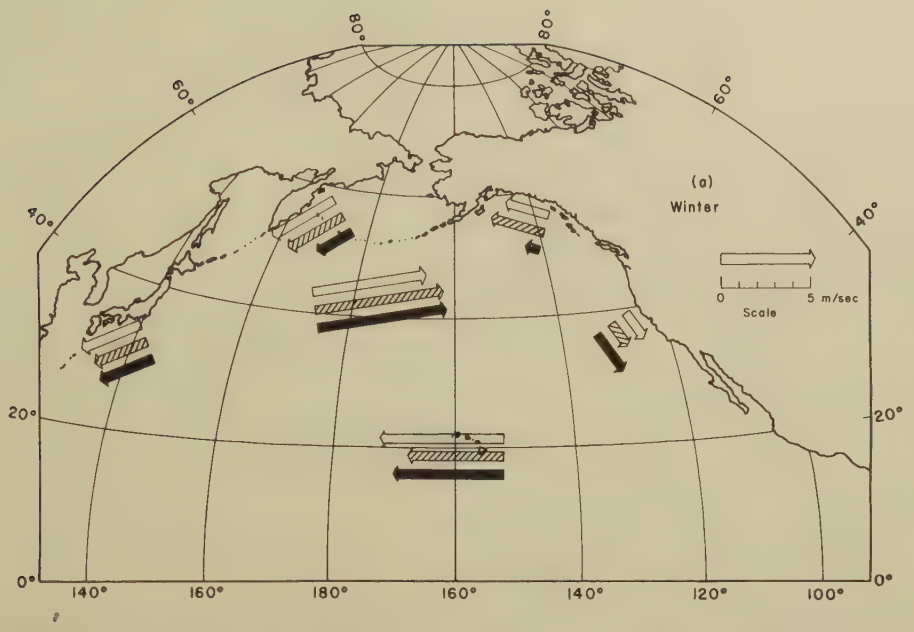

Figure 8a.--Decade means, averaged by seasons, for the principal regional indices described in text. (a) Winter (Dec., Jan., Feb.), (b) Spring (Mar., Apr., May), (c) Summer (June, July, Aug.), (d) Autumn (Sept., Oct., Nov.). Arrows represent mean magnitude of wind components in the directions shown for the three decades 1926-35 (open arrows), 1936-45 (hatched arrows), and 1946-55 (blacked-in arrows).

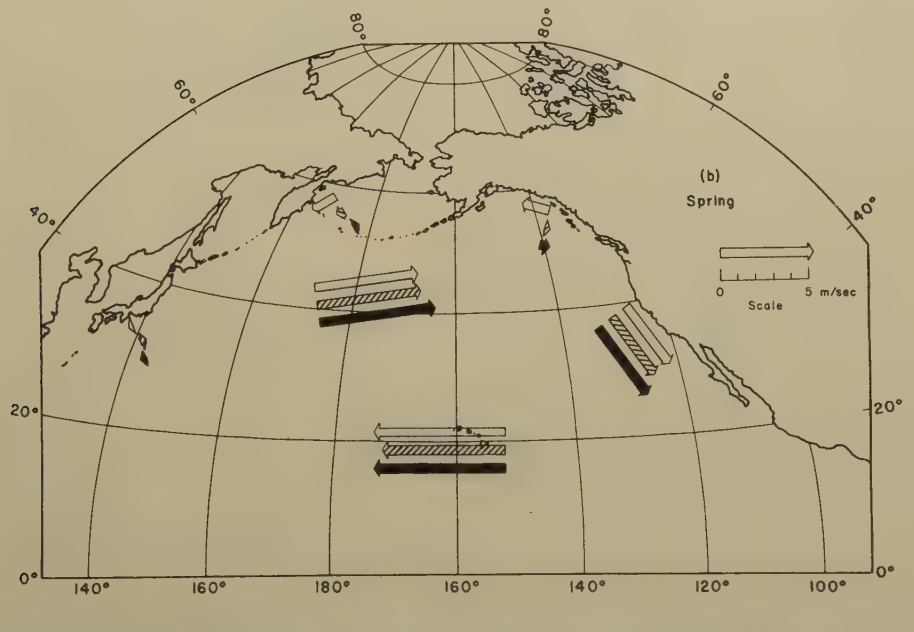

Figure 8b.--Decade means, averaged by seasons, for the principal regional indices described in text. (a) Winter (Dec., Jan., Feb.), (b) Spring (Mar., Apr., May), (c) Summer (June, July, Aug.), (d) Autumn (Sept., Oct., Nov.). Arrows represent mean magnitude of wind components in the directions shown for the three decades 1926-35 (open arrows), 1936-45 (hatched arrows), and 1946-55 (blacked-in arrows).

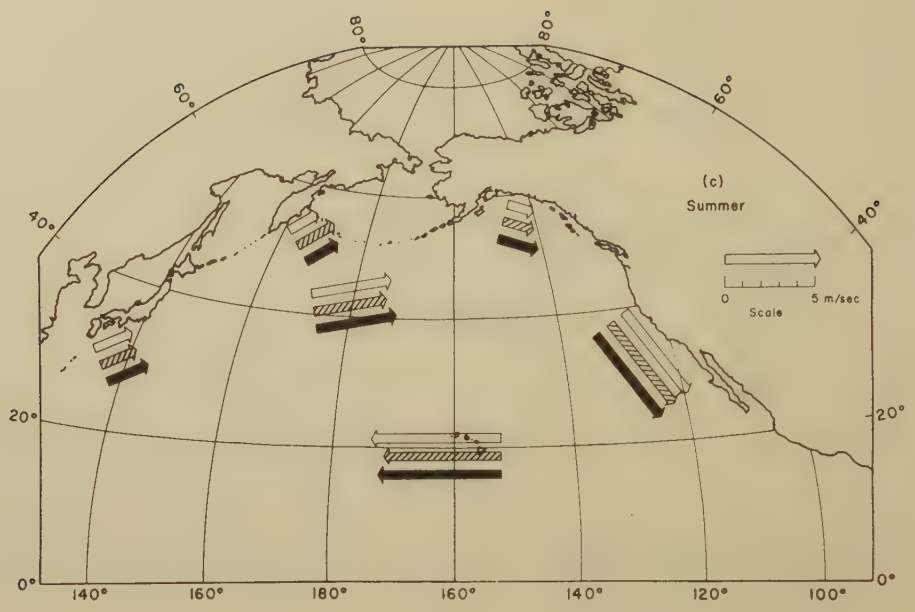

Figure 8c.--Decade means, averaged by seasons, for the principal regional indices described in text. (a) Winter (Dec., Jan., Feb.), (b) Spring (Mar., Apr., May), (c) Summer (June, July, Aug.), (d) Autumn (Sept., Oct., Nov.). Arrows represent mean magnitude of wind components in the directions shown for the three decades 1926-35 (open arrows), 1936-45 (hatched arrows), and 1946-55 (blacked-in arrows).

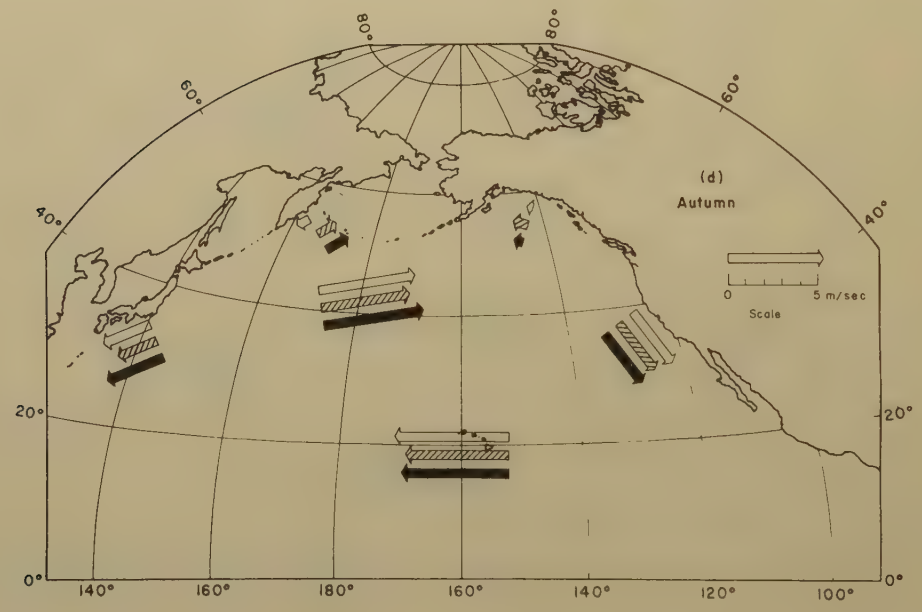

Figure 8d.--Decade means, averaged by seasons, for the principal regional indices described in text. (a) Winter (Dec., Jan., Feb.), (b) Spring (Mar., Apr., May), (c) Summer (June, July, Aug.), (d) Autumn (Sept., Oct., Nov.). Arrows represent mean magnitude of wind components in the directions shown for the three decades 1926-35 (open arrows), 1936-45 (hatched arrows), and 1946-55 (blacked-in arrows).

circulation parameters under consideration. Seasonal averages within each decade were computed for the California, Alaska, Westerly, Trade, Kuroshio and Oyashio indices and are shown as vector components in figure 8 (pages 11 and 12). The length of each arrow is proportional to the magnitude of the mean geostrophic wind component for the indicated region, decade and season.

The most striking case of a widespread change in average circulation intensity occurred during the winter months of the 1946-55 period (fig. 8a, page 11). The lower values of the Oyashio and Alaska indices and higher values for the California index for this period, compared with the two earlier decades, reflect a weaker average intensity of the Aleutian Low and a higher average intensity and more northerly mean position of the eastern North Pacific High.

The California index also shows greater average intensity in the spring months of 1946-55 compared with earlier years (fig. 8b, page 11). For the same season, the Alaska and Oyashio indices show decreasing values (in the algebraic sense) with time, possibly indicating a trend toward earlier transition from winter to summer circulation regimes.

A recommendation that the ten year period 1949-58 be used as a common base reference period for marine biological and oceanographic data was made by a committee of the Eastern Pacific Oceanic Conference at its October 1958 meeting at Lake Arrowhead, California. With the recent availability of sea level pressure charts through 1958 it has been possible to compute, for this reference period, averages by month of the regional indices and geostrophic components at the individual locations used in this report. Monthly means for the base reference period 1949-58 are given in table 7 (page 106) for individual locations and in table 8 (page 108) for regional indices.

TIME SERIES

When the monthly anomalies of the various indices are plotted against time, it is apparent that the amplitudes of the short period fluctuations (two to four months) are very large and make it difficult to discern fluctuations of longer periods. In order to follow the tendencies of the longer period fluctuations over several years it is helpful to eliminate the short periodicities by smoothing.

The time series of anomalies for the Kuroshio, Westerly, Trade, California, Oyashio and Alaska indices were each smoothed by taking weighted running averages of eleven successive monthly values. The weighting factors were based on binomial coefficients and applied as follows:

$$\bar{a}_i = \frac{1}{1024}\left(a_{i-5} + 10a_{i-4} + 45a_{i-3} + 120a_{i-2} + 210a_{i-1} + 252a_i + 210a_{i+1} + 120a_{i+2} + 45a_{i+3} + 10a_{i+4} + a_{i+5}\right)$$

where a_{i-5}, a_{i-4}, etc. refer to successive monthly anomalies and $\bar{a}_i$ is the weighted mean plotted for the i^{th} month. In applying this smoothing the very small first and last terms of the above expression were omitted and the denominator was rounded to 1020.

This method of smoothing, known as the binomial smoothing function, has been discussed by Brooks and Carruthers (1953). As here applied the effect is to eliminate almost completely periodicities of four months or less. Periodicities of six to eight months are damped to less than half their original amplitudes while periodicities exceeding one year are relatively unaffected.

Figure 9 shows examples of smoothed and unsmoothed time series graphs representing a portion of the California index anomalies.

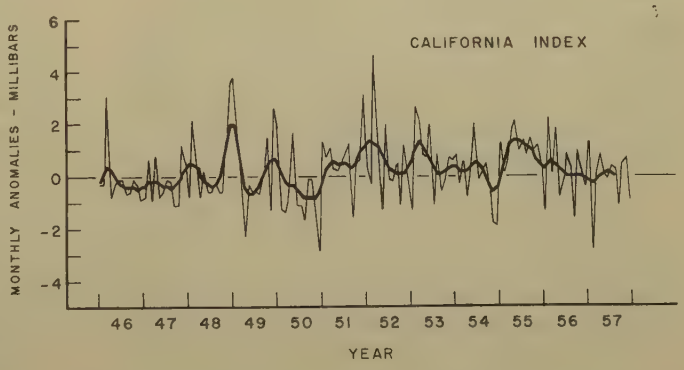

Figure 9.--Smoothed and unsmoothed time series graphs of California index for period 1946-57.

The general character of the unsmoothed graph is typical of the other indices also. Figure 10 shows time series graphs drawn from smoothed data for the six indices. It is apparent that fluctuations with periods on the order of a year, although less in amplitude than shorter period fluctuations, are not negligible. The tendencies toward predominantly positive anomalies for the California index and predominantly negative anomalies for the Oyashio index subsequent to 1947 (figs. 10d and 10e) reflect trends noted in the discussion of decade means.

CORRELATION OF WIND INDICES WITH OCEANOGRAPHIC DATA

In attempting to correlate wind indices with oceanographic parameters such as temperature and mass transport, it must be borne in mind that the indices are rather crude representations of the wind field. Also, wind is only one of several factors involved in the interaction of sea and atmosphere and its role is not solely confined to the action of surface stress, but also it influences heat exchange at the surface through evaporation and conduction. Moreover, only part of the mechanical energy transferred from the wind to the sea retains its kinetic form as wind currents, since variable amounts are converted into potential energy through vertical mixing and expended in wave formation and turbulence.

Fluctuations in wind stress set up dynamic imbalances among the forces arising from mass distribution, the earth's rotation, gravity and inertia, which drive the ocean circulation. The response of the currents to the changing forces acting upon them is complex and, due to the greater inertia of the water, tends to lag behind. Thus the wind indices can reflect only the variations in wind energy available and it should not be assumed at this stage that the ocean currents are proportionately accelerated or decelerated.

Nevertheless, utilizing such indices we may endeavor to gain greater insight into the mechanisms linking meteorological and oceanographic fluctuations and the effects of these fluctuations on fish populations. For example, the stronger northerly winds over the California current, during the last decade, (illustrated by the larger values of the California index in fig. 8a, page 11) have been tentatively related by Reid, Roden and Wyllie (1958) to subnormal ocean temperatures during the same period through advection and upwelling. It has been hypothesized that the latter is closely associated with the failure of the sardine fishery off central California which occurred also during this period. Consequently, keen interest was aroused by a reversal of these conditions during 1957 and 1958 which were characterized by relatively weak average winds, warm water temperatures and evidence of sardine spawning observed north of Point Conception for the first time in several years (CCOFI Progress Report, 1958).

Another example is given in the following description of a correlation test between wind indices and sea surface temperatures. This test was stimulated by a recent paper by K. S. Ketchen (1956) who examined sea surface temperature at Triple Island, B.C., as a factor influencing survival of young lemon sole in Hecate Strait. Comparing year-class strength with mean temperatures for various 2- and 3-month intervals, during the time of year when the pelagic stage of the species occurred, he obtained correlation coefficients from -0.70 to -0.90. The explanation postulated for these strong negative correlation coefficients was that growth rate during the pelagic stage is inversely related to sea temperature. When the temperature is cold, the larvae are carried for a longer period by the northward current through Hecate Strait which results in greater numbers being deposited on the rearing grounds. Ketchen suggested that the observed relationship between water temperature and brood strength might be dependent on the wind-induced current.

The ocean currents in the vicinity of Triple Island are generally northward, and the mean isotherms of sea surface temperature during winter and spring are roughly perpendicular to the coastline. Considering these facts, it might be expected that the sea surface temperature in this area should be related through advection to the northward component of geostrophic air flow.

Pressure differences at location 8 were chosen from the network in figure 1 (page 3) as the most representative index of north-south geostrophic wind upstream from Triple Island (for location see fig. 4, page 6). Monthly mean sea surface temperatures at Triple Island have been compiled

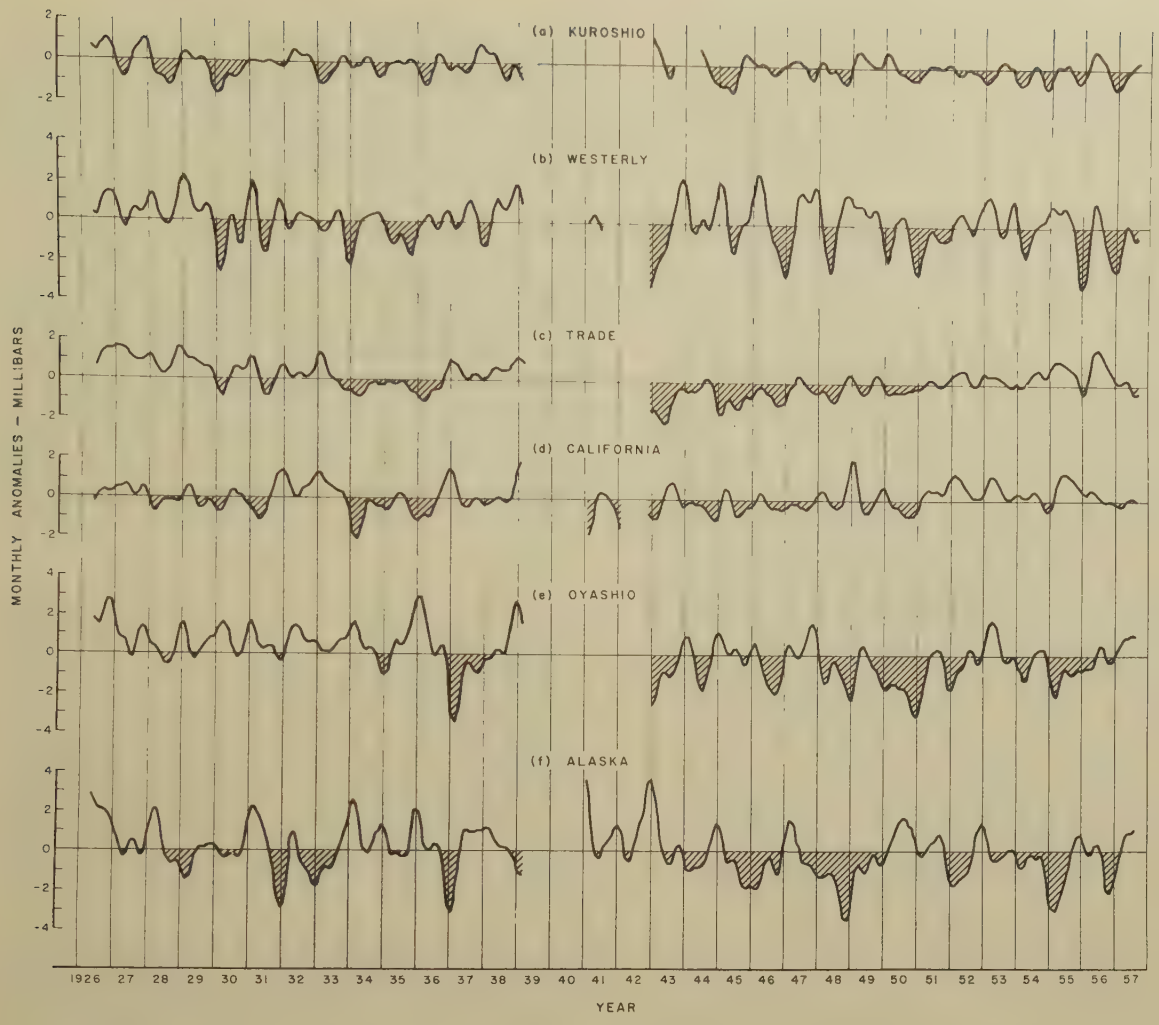
(a) KUROSHIO
(b) WESTERLY
(c) TRADE
(d) CALIFORNIA
(e) OYASHIO
(f) ALASKA
MONTHLY ANOMALIES - MILLIBARS
1926 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57
YEAR

Figure 10.--Smoothed time series graphs for period 1926-57. (a) Kuroshio index, (b) Westerly index, (c) Trade index, (d) California index, (e) Oyashio index, (f) Alaska index.

by the Pacific Oceanographic Group, Nanaimo, B.C. (1958). Values for December through April during the period 1941-57 are given in table 9 (page 109).

The January values of sea temperatures at the Triple Island station and pressure differences at location 8 are plotted in figure 11. The curves drawn through the two sets of values show a remarkable similarity for the years 1941-52 which is partially offset by less similarity after 1952. Taking the period as a whole, a statistical comparison of temperature and wind index values yields a correlation coefficient of -0.83, indicating a tendency for temperatures to be inversely associated with wind

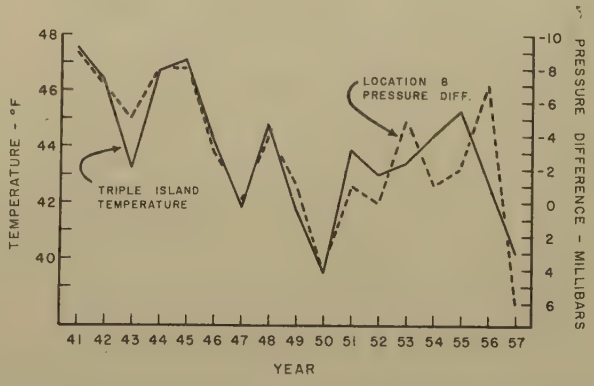
TEMPERATURE - °F
PRESSURE DIFFERENCE - MILLIBARS
LOCATION 8 PRESSURE DIFF.
TRIPLE ISLAND TEMPERATURE
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57
YEAR

Figure 11.--January Triple Island sea surface temperatures and January pressure differences at location 8, for period 1941-57

index values. Since negative pressure differences at location 8 represent southerly winds, the correlation is consistent with the concept of wind-induced advection. Lacking data to make direct estimates of advection, it is not possible to assess the relative importance of this mechanism. The indices may also reflect atmosphere-ocean heat-exchange processes which significantly affect sea surface temperature fluctuations.

Mean January sea water temperatures from three additional British Columbia stations, Langara Is., Kains Is. and Amphitrite Point, were found to have year-to-year fluctuations which agreed well with Triple Island data. Correlating January pressure differences at location 8 with January temperatures at these stations for the period 1941-57 yielded coefficients of -0.67 (Langara Is.), -0.58 (Kains Is.) and -0.58 (Amphitrite Point). These values, all statistically significant at the 2 percent level, are somewhat lower than the correlation of wind with Triple Island sea temperature. However the fact that the correlation is of the same sign and of substantial value for all four stations reinforces the inference that all are affected by some widespread influence such as the wind field or by associated weather conditions.

Further comparisons of monthly mean sea temperature at Triple Island with pressure differences for the same month at location 8 yield correlation coefficients of -0.49 for December, -0.03 for February, -0.16 for March and 0.04 for April. When the pressure differences at location 8, averaged for December and January (of the same winter) are correlated with Triple Island sea temperatures for the following February, a coefficient of -0.86 is obtained.

Inspection of the Triple Island sea temperature data reveals that year-to-year fluctuations of December and January means are followed very closely by the fluctuations of February means and, to a considerable degree, by fluctuations of March, April and May means. Thus, the strong correlation of December-January average wind indices with February temperatures may be readily explained by persistence of December and January temperature anomalies into February, coupled with the relatively good correlations between wind indices and temperatures for December and January. If the latter are significant evidence of real physical mechanisms linking wind intensity to sea temperature, it is pertinent to inquire why such mechanisms fail to be manifest in the correlations involving February, March and April wind indices and sea temperatures.

A tentative answer to this question is suggested by the differences in mean amplitude of both wind index and sea temperature fluctuations for the individual months. The monthly standard deviations computed from the Triple Island temperature data are 1.61 (Dec.), 2.24 (Jan.), 1.82 (Feb.), 1.28 (Mar.) and 1.14 (Apr.). From similar computations on the location 8 pressure differences one obtains standard deviations of 3.02 (Dec.), 4.12 (Jan.), 2.92 (Feb.), 2.03 (Mar.) and 1.71 (Apr.).

It is evident in both sets of values that fluctuations are generally largest in January. Thus it is conceivable that temperature anomalies produced in December are not sufficiently large to obscure the correlation between monthly mean temperatures and wind indices in January. Anomalies produced in December and January, however, do tend to overshadow the effects of wind on monthly mean temperature in subsequent months.

It must be mentioned that nonadvective heat-exchange processes may influence sea surface temperature fluctuations to a substantial degree. Tabata (1956) has shown that in the vicinity of Triple Island the ocean experiences net cooling in winter when heat losses, due principally to evaporation, conduction and back radiation, exceed heat gains by solar radiation. The maximum rate of net heat loss occurs in January. By April the balance shifts such that the ocean receives a small net gain of heat. A cursory comparison of the wind indices with Tabata's computations of net heat loss for individual months suggests that these two quantities are not mutually independent. For example, Tabata cites January 1950 as a month characterized by strong northerly winds, low moisture content and cloudless skies and notes that these conditions are ideal for cooling at the sea surface through the three principal processes of heat loss--conduction, evaporation and back radiation.

Since, in this example, these processes would affect sea surface temperatures in

the same sense as does advection, it is impossible to deduce from these data whether their effects are substantial. Nonetheless, the mechanisms underlying observed correlations between wind indices and sea surface temperature should not be wholly categorized as advection.

These examples indicate some types of associations which may exist between atmospheric circulation, ocean conditions and fisheries. They are mere suggestions, however, requiring more thorough understanding of processes and more rigorous treatment to gain the stature of conclusions. It is hoped that the data given herewith will stimulate and aid further studies of more definitive quality.

Specifically this characterization of monthly mean sea level pressure patterns by numerical indices facilitates the quantitative comparison of circulation anomalies at different times and in different representative regions. Monthly anomalies are generally greatest in winter and, as suggested by the correlation study with Triple Island temperatures, may produce effects which persist locally for several months. The anomalies are also generally larger in some regions than in others, and it might be expected that the largest effects in the ocean are produced in regions of greatest wind anomalies. Since the ocean is a continuous fluid body, events occurring in one region may be transmitted by advection or dynamic readjustment to other regions. Thus the explanation of oceanographic fluctuations observed in one region may lie wholly outside that region.

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Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57.

[Summary values are means for the stated periods. Anomalies were computed from the 1926-57 monthly means and standard deviations (RMS) pertain to period 1926-57. Values, given in millibars, also represent wind speeds in meters per second, see text.]

LOC 1	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	-04	0.9	-05	- 1.4	-01	1.5	00	0.7	02	1.6	00	- 2.4
1927	-05	- 0.1	-05	- 1.4	-02	0.5	-03	- 2.3	00	- 0.4	01	- 1.4
1928	-04	0.9	-04	- 0.4	-03	- 0.5	-02	- 1.3	00	- 0.4	03	0.6
1929	-05	- 0.1	-03	0.6	-03	- 0.5	00	0.7	00	- 0.4	03	0.6
1930	-08	- 3.1	-03	0.6	-04	- 1.5	00	0.7	-01	- 1.4	02	- 0.4
1931	-04	0.9	-03	0.6	-02	0.5	00	0.7	-01	- 1.4	02	- 0.4
1932	-06	- 1.1	-05	- 1.4	-02	0.5	02	2.7	02	1.6	02	- 0.4
1933	-07	- 2.1	-05	- 1.4	-05	- 2.5	-01	- 0.3	00	- 0.4	03	0.6
1934	-07	- 2.1	-03	0.6	-01	1.5	-03	- 2.3	00	- 0.4	03	0.6
1935	-05	- 0.1	-04	- 0.4	-02	0.5	-02	- 1.3	01	0.6	03	0.6
1936	-06	- 1.1	-04	- 0.4	-04	- 1.5	03	3.7	-01	- 1.4	02	- 0.4
1937	-06	- 1.1	-03	0.6	-03	- 0.5	-01	- 0.3	01	0.6	-01	- 3.4
1938	-07	- 2.1	-03	0.6	-02	0.5	00	0.7	01	0.6	02	- 0.4
1939	-05	- 0.1	-05	- 1.4	-04	- 1.5	-01	- 0.3	00	- 0.4	04	1.6
1940		•		•		•		•		•		•
1941	-05	- 0.1		•		•		•	00	- 0.4	03	0.6
1942		•		•		•		•		•		•
1943	-04	0.9	-03	0.6	-02	0.5	-02	- 1.3	00	- 0.4	02	- 0.4
1944		•	01	4.6	-02	0.5	01	1.7	01	0.6	03	0.6
1945	-05	- 0.1	-04	- 0.4	-02	0.5	-02	- 1.3	-02	- 2.4	00	- 2.4
1946	-04	0.9	-04	- 0.4	-03	- 0.5	00	0.7	00	- 0.4	03	0.6
1947	-05	- 0.1	-04	- 0.4	-02	0.5	-01	- 0.3	00	- 0.4	02	- 0.4
1948	-03	1.9	-02	1.6	-02	0.5	-02	- 1.3	00	- 0.4	03	0.6
1949	-04	0.9	-01	2.6	-02	0.5	00	0.7	03	2.6	02	- 0.4
1950	-02	2.9	-03	0.6	-02	0.5	-01	- 0.3	01	0.6	02	- 0.4
1951	-05	- 0.1	-04	- 0.4	-03	- 0.5	00	0.7	00	- 0.4	02	- 0.4
1952	-04	0.9	-05	- 1.4	-03	- 0.5	00	0.7	00	- 0.4	03	0.6
1953	-05	- 0.1	-05	- 1.4	00	2.5	-03	- 2.3	01	0.6	04	1.6
1954	-03	1.9	-04	- 0.4	-04	- 1.5	-01	- 0.3	01	0.6	04	1.6
1955	-04	0.9	-02	1.6	-03	- 0.5	-02	- 1.3	01	0.6	04	1.6
1956	-04	0.9	-03	0.6	-01	1.5	00	0.7	01	0.6	04	1.6
1957	-05	- 0.1	-05	- 1.4	-03	- 0.5	01	1.7	00	- 0.4	02	- 0.4
MEAN 1926-57		- 4.9		- 3.6		- 2.5		- 0.7		0.4		2.4
RMS		1.33		1.38		1.09		1.44		1.00		1.22
MEAN 1926-35		- 5.5		- 4.0		- 2.5		- 0.9		0.3		2.2
MEAN 1936-45		- 5.4		- 3.0		- 2.7		- 0.3		0.0		1.9
MEAN 1946-55		- 3.9		- 3.4		- 2.4		- 1.0		0.7		2.9

LOC 1	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	04	1.8	00	- 0.8	01	2.7	-05	- 0.1	-04	1.6	-04	1.5
1927	02	- 0.2	02	1.2	-01	0.7	-04	0.9	-05	0.6	-03	2.5
1928	00	- 2.2	00	- 0.8	-03	- 1.3	-08	- 3.1	-05	0.6	-05	0.5
1929	01	- 1.2	01	0.2	-02	- 0.3	-06	- 1.1	-07	- 1.4	-04	1.5
1930	01	- 1.2	00	- 0.8	-03	- 1.3	-04	0.9	-03	2.6	-07	- 1.5
1931	04	1.8	01	0.2	-01	0.7	-06	- 1.1	-06	- 0.4	-05	0.5
1932	03	0.8	02	1.2	-02	- 0.3	-04	0.9	-06	- 0.4	-06	- 0.5
1933	00	- 2.2	03	2.2	-01	0.7	-04	0.9	-07	- 1.4	-05	0.5
1934	03	0.8	00	- 0.8	-01	0.7	-09	- 4.1	-05	0.6	-07	- 1.5
1935	00	- 2.2	00	- 0.8	-02	- 0.3	-03	1.9	-05	0.6	-06	- 0.5
1936	04	1.8	03	2.2	-03	- 1.3	-06	- 1.1	-09	- 3.4	-05	0.5
1937	02	- 0.2	00	- 0.8	00	1.7	-06	- 1.1	-03	2.6	-04	1.5
1938	01	- 1.2	-01	- 1.8	-04	- 2.3	-04	0.9	-06	- 0.4	-06	- 0.5
1939		.		.		.		.		.		.
1940		.		.		.		.	-05	0.6		.
1941	04	1.8	01	0.2	-03	- 1.3	-06	- 1.1		.		.
1942		.		.		.	-02	2.9	-02	3.6	-03	2.5
1943	00	- 2.2	00	- 0.8	00	1.7	00	4.9	00	5.6		.
1944	03	0.8	01	0.2	-03	- 1.3	-06	- 1.1	-05	0.6	-07	- 1.5
1945	02	- 0.2	02	1.2	00	1.7	-06	- 1.1	-05	0.6	-07	- 1.5
1946	01	- 1.2	00	- 0.8	-01	0.7	-05	- 0.1	-06	- 0.4	-03	2.5
1947	02	- 0.2	01	0.2	-02	- 0.3	-07	- 2.1	-07	- 1.4	-07	- 1.5
1948	04	1.8	-01	- 1.8	-03	- 1.3	-04	0.9	-09	- 3.4	-04	1.5
1949	02	- 0.2	02	1.2	-02	- 0.3	-04	0.9	-07	- 1.4	-05	0.5
1950	01	- 1.2	00	- 0.8	-03	- 1.3	-05	- 0.1	-06	- 0.4	-07	- 1.5
1951	03	0.8	00	- 0.8	00	1.7	-06	- 1.1	-05	0.6	-05	0.5
1952	02	- 0.2	00	- 0.8	00	1.7	-04	0.9	-05	0.6	-06	- 0.5
1953	03	0.8	00	- 0.8	-01	0.7	-02	2.9	-07	- 1.4	-08	- 2.5
1954	04	1.8	00	- 0.8	-04	- 2.3	-05	- 0.1	-07	- 1.4	-07	- 1.5
1955	02	- 0.2	01	0.2	-02	- 0.3	-07	- 2.1	-06	- 0.4	-07	- 1.5
1956	01	- 1.2	04	3.2	-01	0.7	-07	- 2.1	-08	- 2.4	-06	- 0.5
1957	04	1.8	01	0.2	-01	0.7	-03	1.9	-06	- 0.4	-04	1.5
MEAN 1926-57		2.2		0.8		- 1.7		- 4.9		- 5.6		- 5.5
RMS		1.39		1.21		1.32		1.89		1.91		1.45
MEAN 1926-35		1.8		0.9		- 1.5		- 5.3		- 5.3		- 5.2
MEAN 1936-45		2.3		0.9		- 1.9		- 4.5		- 4.4		- 5.3
MEAN 1946-55		2.4		0.3		- 1.8		- 4.9		- 6.5		- 5.9

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 2.	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	00	1.4	00	1.3	01	1.4	04	2.6	03	1.2	01	- 1.8
1927	-01	0.4	-01	0.3	-02	- 1.6	-01	- 2.4	02	0.2	02	- 0.8
1928	00	1.4	-02	- 0.7	-01	- 0.6	-02	- 3.4	02	0.2	04	1.2
1929	00	1.4	-01	0.3	00	0.4	03	1.6	01	- 0.8	01	- 1.8
1930	-05	- 3.6	-05	- 3.7	-01	- 0.6	01	- 0.4	01	- 0.8	03	0.2
1931	-01	0.4	-03	- 1.7	00	0.4	03	1.6	01	- 0.8	02	- 0.8
1932	-02	- 0.6	-02	- 0.7	01	1.4	04	2.6	03	1.2	-01	- 3.8
1933	-02	- 0.6	-02	- 0.7	-01	- 0.6	00	- 1.4	01	- 0.8	03	0.2
1934	-01	0.4	-04	- 2.7	02	2.4	00	- 1.4	02	0.2	04	1.2
1935	-01	0.4	00	1.3	00	0.4	00	- 1.4	02	0.2	05	2.2
1936	00	1.4	-02	- 0.7	-01	- 0.6	03	1.6	01	- 0.8	02	- 0.8
1937	-03	- 1.6	00	1.3	00	0.4	01	- 0.4	04	2.2	-01	- 3.8
1938	-02	- 0.6	00	1.3	-01	- 0.6	04	2.6	04	2.2	02	- 0.8
1939	-03	- 1.6	-02	- 0.7	-02	- 1.6	01	- 0.4	00	- 1.8	03	0.2
1940		.		.		.		.		.		.
1941	-02	- 0.6		.		.		.		.		.
1942		.		.		.		.	01	- 0.8	03	0.2
1943	-01	0.4	00	1.3	02	2.4	02	0.6	02	0.2	02	- 0.8
1944		.	01	2.3	-01	- 0.6	02	0.6	03	1.2	04	1.2
1945	-04	- 2.6	-04	- 2.7	00	0.4	01	- 0.4	-01	- 2.8	01	- 1.8
1946	-02	- 0.6	-01	0.3	-01	- 0.6	04	2.6	00	- 1.8	05	2.2
1947	-03	- 1.6	00	1.3	00	0.4	04	2.6	02	0.2	03	0.2
1948	01	2.4	-01	0.3	-02	- 1.6	00	- 1.4	01	- 0.8	04	1.2
1949	00	1.4	00	1.3	-01	- 0.6	02	0.6	04	2.2	01	- 1.8
1950	01	2.4	00	1.3	01	1.4	-02	- 3.4	02	0.2	04	1.2
1951	-02	- 0.6	-02	- 0.7	01	1.4	02	0.6	02	0.2	03	0.2
1952	00	1.4	-03	- 1.7	-02	- 1.6	02	0.6	01	- 0.8	05	2.2
1953	-03	- 1.6	-02	- 0.7	-01	- 0.6	00	- 1.4	02	0.2	06	3.2
1954	-03	- 1.6	-02	- 0.7	-02	- 1.6	01	- 0.4	02	0.2	03	0.2
1955	01	2.4	02	3.3	-02	- 1.6	-01	- 2.4	03	1.2	05	2.2
1956	00	1.4	-01	0.3	01	1.4	03	1.6	03	1.2	03	0.2
1957	-02	- 0.6	-02	- 0.7	00	0.4	01	- 0.4	01	- 0.8	03	0.2
MEAN 1926-57		- 1.4		- 1.3		- 0.4		1.4		1.8		2.8
RMS		1.55		1.57		1.21		1.81		1.21		1.68
MEAN 1926-35		- 1.3		- 2.0		- 0.1		1.2		1.8		2.4
MEAN 1936-45		- 2.1		- 1.0		- 0.4		2.0		1.8		2.0
MEAN 1946-55		- 1.0		- 0.9		- 0.9		1.2		1.9		3.9

LOC ?	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	EV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	05	2.3	01	- 0.4	04	3.4	-02	0.2	-02	0.0	01	2.5
1927	03	0.3	05	3.6	-01	- 1.6	-02	0.2	00	2.0	01	2.5
1928	00	- 2.7	00	- 1.4	00	- 0.6	-04	- 1.8	-02	0.0	00	1.5
1929	03	0.3	04	2.6	02	1.4	-02	0.2	-03	- 1.0	-04	- 2.5
1930	03	0.3	-01	- 2.4	-02	- 2.6	-02	0.2	-01	1.0	-03	- 1.5
1931	04	1.3	01	- 0.4	00	- 0.6	-02	0.2	-02	0.0	00	1.5
1932	04	1.3	03	1.6	00	- 0.6	-01	1.2	00	2.0	-03	- 1.5
1933	01	- 1.7	01	- 0.4	02	1.4	00	2.2	-03	- 1.0	-01	0.5
1934	04	1.3	02	0.6	02	1.4	-06	- 3.8	00	2.0	-04	- 2.5
1935	03	0.3	02	0.6	00	- 0.6	-01	1.2	-04	- 2.0	-01	0.5
1936	04	1.3	03	1.6	01	0.4	00	2.2	-02	0.0	-01	0.5
1937	03	0.3	03	1.6	01	0.4	-01	1.2	00	2.0	01	2.5
1938	01	- 1.7	00	- 1.4	00	- 0.6	-02	0.2	00	2.0	00	1.5
1939		•		•		•		•		•		•
1940		•		•		•		•	-03	- 1.0		•
1941	03	0.3	01	- 0.4	-01	- 1.6	-03	- 0.8		•		•
1942		•	01	- 0.4	02	1.4	-02	0.2	01	3.0	00	1.5
1943	00	- 2.7	00	- 1.4	01	0.4	01	3.2	01	3.0	-01	0.5
1944	04	1.3	02	0.6	00	- 0.6	-03	- 0.8	-03	- 1.0	-02	- 0.5
1945	00	- 2.7	04	2.6	03	2.4	-02	0.2	-01	1.0	01	2.5
1946	01	- 1.7	00	- 1.4	00	- 0.6	-01	1.2	-03	- 1.0	-02	- 0.5
1947	04	1.3	02	0.6	00	- 0.6	-05	- 2.8	-01	1.0	-01	0.5
1948	04	1.3	00	- 1.4	00	- 0.6	-03	- 0.8	-05	- 3.0	-02	- 0.5
1949	03	0.3	02	0.6	00	- 0.6	-02	0.2	-03	- 1.0	-01	0.5
1950	03	0.3	01	- 0.4	02	1.4	-03	- 0.8	-03	- 1.0	-02	- 0.5
1951	03	0.3	01	- 0.4	00	- 0.6	-03	- 0.8	-01	1.0	-01	0.5
1952	02	- 0.7	00	- 1.4	00	- 0.6	-02	0.2	-04	- 2.0	-03	- 1.5
1953	02	- 0.7	01	- 0.4	00	- 0.6	-02	0.2	-03	- 1.0	-03	- 1.5
1954	02	- 0.7	01	- 0.4	03	2.4	-05	- 2.8	-05	- 3.0	-04	- 2.5
1955	03	0.3	00	- 1.4	-01	- 1.6	-02	0.2	-02	0.0	-04	- 2.5
1956	02	- 0.7	02	0.6	00	- 0.6	-02	0.2	-04	- 2.0	-03	- 1.5
1957	03	0.3	01	- 0.4	01	0.4	-02	0.2	-02	0.0	-01	0.5
MEAN 1926-57		2.7		1.4		0.6		- 2.2		- 2.0		- 1.5
RMS		1.34		1.41		1.35		1.47		1.66		1.62
MEAN 1926-35		3.0		1.8		0.7		- 2.2		- 1.7		- 1.4
MEAN 1936-45		2.1		1.8		0.9		- 1.5		- 0.9		- 0.3
MEAN 1946-55		2.7		0.8		0.4		- 2.8		- 3.0		- 2.3

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 3	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	08	1.0	08	1.8	07	1.0	09	3.5	04	- 0.1	03	0.7
1927	08	1.0	07	0.8	05	- 1.0	-01	- 6.5	05	0.9	05	2.7
1928	09	2.0	07	0.8	03	- 3.0	05	- 0.5	03	- 1.1	02	- 0.3
1929	10	3.0	10	3.8	06	0.0	06	0.5	04	- 0.1	02	- 0.3
1930	07	0.0	00	- 6.2	02	- 4.0	05	- 0.5	06	1.9	05	2.7
1931	09	2.0	06	- 0.2	04	- 2.0	04	- 1.5	02	- 2.1	-03	- 5.3
1932	05	- 2.0	03	- 3.2	05	- 1.0	04	- 1.5	06	1.9	00	- 2.3
1933	04	- 3.0	05	- 1.2	06	0.0	05	- 0.5	03	- 1.1	04	1.7
1934	07	0.0	07	0.8	08	2.0	06	0.5	01	- 3.1	05	2.7
1935	09	2.0	06	- 0.2	07	1.0	02	- 3.5	02	- 2.1	03	0.7
1936	08	1.0	05	- 1.2	06	0.0	08	2.5	05	0.9	02	- 0.3
1937	04	- 3.0	07	0.8	06	0.0	04	- 1.5	05	0.9	02	- 0.3
1938	05	- 2.0	04	- 2.2	06	0.0	08	2.5	04	- 0.1	04	1.7
1939	05	- 2.0	05	- 1.2	04	- 2.0	05	- 0.5	02	- 2.1	-04	- 6.3
1940		•		•		•		•		•		•
1941	05	- 2.0	08	1.8		•		•	03	- 1.1	03	0.7
1942		•		•		•		•		•		•
1943	04	- 3.0	05	- 1.2	03	- 3.0	06	0.5	02	- 2.1	01	- 1.3
1944	10	3.0	09	2.8	02	- 4.0	04	- 1.5	04	- 0.1	04	1.7
1945	07	0.0	05	- 1.2	10	4.0	03	- 2.5	02	- 2.1	00	- 2.3
1946	10	3.0	10	3.8	07	1.0	10	4.5	04	- 0.1	05	2.7
1947	03	- 4.0	05	- 1.2	08	2.0	08	2.5	05	0.9	03	0.7
1948	09	2.0	08	1.8	04	- 2.0	02	- 3.5	00	- 4.1	03	0.7
1949	10	3.0	06	- 0.2	10	4.0	06	0.5	08	3.9	-01	- 3.3
1950	09	2.0	04	- 2.2	08	2.0	02	- 3.5	05	0.9	02	- 0.3
1951	07	0.0	05	- 1.2	05	- 1.0	07	1.5	05	0.9	03	0.7
1952	09	2.0	05	- 1.2	03	- 3.0	07	1.5	08	3.9	04	1.7
1953	06	- 1.0	07	0.8	09	3.0	08	2.5	03	- 1.1	04	1.7
1954	03	- 4.0	08	1.8	07	1.0	06	0.5	07	2.9	00	- 2.3
1955	10	3.0	11	4.8	05	- 1.0	07	1.5	04	- 0.1	05	2.7
1956	03	- 4.0	07	0.8	08	2.0	06	0.5	07	2.9	02	- 0.3
1957	07	0.0	04	- 2.2	10	4.0	07	1.5	04	- 0.1	01	- 1.3
MEAN 1926-57		7.0		6.2		6.0		5.5		4.1		2.3
RMS		2.38		2.28		2.33		2.41		1.97		2.29
MEAN 1926-35		7.6		5.9		5.3		4.5		3.6		2.6
MEAN 1936-45		6.0		6.0		5.3		5.4		3.4		1.5
MEAN 1946-55		7.6		6.9		6.6		6.3		4.9		2.8

LOC 3

YEAR	JUL PD	JUL DEV	AUG PD	AUG DEV	SEP PD	SEP DEV	OCT PD	OCT DEV	NOV PD	NOV DEV	DEC PD	DEC DEV
1926	07	4.1	03	0.8	05	3.0	05	1.9	06	1.5	07	0.6
1927	01	- 1.9	03	- 0.2	03	1.0	05	1.9	05	0.5	11	4.6
1928	01	- 1.9	00	- 2.2	01	- 1.0	02	- 1.1	07	2.5	11	4.6
1929	03	0.1	03	0.8	04	2.0	02	- 1.1	06	1.5	05	- 1.4
1930	03	0.1	00	- 2.2	-01	- 3.0	05	1.9	05	0.5	08	1.6
1931	01	- 1.9	03	0.8	00	- 2.0	05	1.9	05	1.5	06	- 0.4
1932	03	0.1	03	0.8	02	0.0	04	0.9	02	- 2.5	07	0.6
1933	03	0.1	02	- 0.2	03	1.0	04	0.9	04	- 0.5	03	- 3.4
1934	03	0.1	04	1.8	02	0.0	04	0.9	05	0.5	09	2.6
1935	06	3.1	02	- 0.2	00	- 2.0	01	- 2.1	04	- 0.5	08	1.6
1936	01	- 1.9	00	- 2.2	01	- 1.0	07	3.9	07	2.5	07	0.6
1937	03	0.1	05	2.8	04	2.0	01	- 2.1	03	- 1.5	06	- 0.4
1938	00	- 2.9	01	- 1.2	04	2.0	03	- 0.1	04	- 0.5	11	4.6
1939		.		.		.		.		.		.
1940		.		.		.	03	- 0.1	04	- 0.5	05	- 1.4
1941	03	0.1	01	- 1.2	01	- 1.0	02	- 1.1		.		.
1942		.	03	0.8	02	0.0	02	- 1.1	00	- 4.5	02	- 4.4
1943	02	- 0.9	01	- 1.2	02	0.0	05	1.9	06	1.5	06	- 0.4
1944	04	1.1	03	0.8	01	- 1.0	00	- 3.1	05	0.5	05	- 1.4
1945	05	2.1	01	- 1.2	04	2.0	06	2.9	02	- 2.5	08	1.6
1946	02	- 0.9	00	- 2.2	01	- 1.0	04	0.9	03	- 1.5	09	2.6
1947	06	3.1	03	0.8	01	- 1.0	00	- 3.1	08	3.5	09	2.6
1948	04	1.1	03	0.8	02	0.0	03	- 0.1	07	2.5	07	0.6
1949	05	2.1	00	- 2.2	04	2.0	04	0.9	04	- 0.5	05	- 1.4
1950	06	3.1	04	1.8	02	0.0	02	- 1.1	-01	- 5.5	05	- 1.4
1951	01	- 1.9	01	- 1.2	00	- 2.0	06	2.9	04	- 0.5	05	- 1.4
1952	03	0.1	03	0.8	03	1.0	02	- 1.1	05	0.5	06	- 0.4
1953	01	- 1.9	04	1.8	00	- 2.0	04	0.9	10	5.5	07	0.6
1954	00	- 2.9	05	2.8	03	1.0	-01	- 4.1	05	0.5	03	- 3.4
1955	05	2.1	01	- 1.2	03	1.0	03	- 0.1	02	- 2.5	02	- 4.4
1956	01	- 1.9	04	1.8	02	0.0	-03	- 6.1	03	- 1.5	03	- 3.4
1957	00	- 2.9	01	- 1.2	02	0.0	05	1.9	05	0.5	07	0.6
MEAN 1926-57		2.9		2.2		2.0		3.1		4.5		6.4
RMS		2.01		1.54		1.50		2.22		2.27		2.49
MEAN 1926-35		3.1		2.2		1.9		3.7		5.0		7.5
MEAN 1936-45		2.6		1.9		2.4		3.2		3.9		6.3
MEAN 1946-55		3.3		2.4		1.9		2.7		4.7		5.8

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 4	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	10	3.0	10	3.0	08	1.0	08	1.9	03	- 2.6	05	1.6
1927	08	1.0	08	1.0	06	- 1.0	02	- 4.1	05	- 0.6	06	2.6
1928	12	5.0	10	3.0	07	0.0	05	- 1.1	05	- 0.6	04	0.6
1929	10	3.0	11	4.0	08	1.0	05	- 1.1	07	1.4	04	0.6
1930	05	- 2.0	00	- 7.0	01	- 6.0	08	1.9	09	3.4	07	3.6
1931	12	5.0	10	3.0	05	- 2.0	05	- 1.1	04	- 1.6	-01	- 4.4
1932	05	- 2.0	04	- 3.0	07	0.0	07	0.9	08	2.4	01	- 2.4
1933	05	- 2.0	04	- 3.0	07	0.0	06	- 0.1	02	- 3.6	04	0.6
1934	05	- 2.0	09	2.0	10	3.0	09	2.9	02	- 3.6	05	1.6
1935	08	1.0	05	- 2.0	07	0.0	02	- 4.1	03	- 2.6	04	0.6
1936	07	0.0	07	0.0	09	2.0	10	3.9	08	2.4	03	- 0.4
1937	04	- 3.0	08	1.0	07	0.0	04	- 2.1	09	3.4	04	0.6
1938	07	0.0	00	- 7.0	08	1.0	08	1.9	07	1.4	05	1.6
1939	09	2.0	09	2.0	04	- 3.0	06	- 0.1	00	- 5.6	00	- 3.4
1940		.		.		.		.		.		.
1941	05	- 2.0	08	1.0	09	2.0	06	- 0.1	06	0.4	05	1.6
1942		.		.		.		.		.		.
1943	06	- 1.0	08	1.0	00	- 7.0	08	1.9	03	- 2.6	01	- 2.4
1944	10	3.0	10	3.0	00	- 7.0	06	- 0.1	07	1.4	03	- 0.4
1945	10	3.0	05	- 2.0	13	6.0	01	- 5.1	03	- 2.6	-01	- 4.4
1946	13	6.0	10	3.0	11	4.0	10	3.9	03	- 2.6	04	0.6
1947	00	- 7.0	07	0.0	06	- 1.0	09	2.9	09	3.4	03	- 0.4
1948	10	3.0	06	- 1.0	03	- 4.0	-02	- 8.1	01	- 4.6	04	0.6
1949	09	2.0	05	- 2.0	13	6.0	08	1.9	07	1.4	03	- 0.4
1950	00	- 7.0	02	- 5.0	11	4.0	03	- 3.1	06	0.4	03	- 0.4
1951	06	- 1.0	09	2.0	03	- 4.0	10	3.9	07	1.4	03	- 0.4
1952	07	0.0	10	3.0	07	0.0	06	- 0.1	06	0.4	05	1.6
1953	07	0.0	10	3.0	08	1.0	12	5.9	06	0.4	03	- 0.4
1954	-01	- 8.0	08	1.0	07	0.0	-02	- 8.1	09	3.4	05	1.6
1955	15	8.0	07	0.0	05	- 2.0	07	0.9	08	2.4	03	- 0.4
1956	00	- 7.0	06	- 1.0	10	3.0	07	0.9	09	3.4	04	0.6
1957	07	0.0	04	- 3.0	09	2.0	10	3.9	06	0.4	04	0.6
MEAN 1926-57		7.0		7.0		7.0		6.1		5.6		3.4
RMS		3.93		2.99		3.34		3.43		2.63		1.87
MEAN 1926-35		8.0		7.1		6.6		5.7		4.8		3.9
MEAN 1936-45		7.3		6.9		6.3		6.1		5.4		2.5
MEAN 1946-55		6.6		7.4		7.4		6.1		6.2		3.6

LOC 4	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	06	1.9	05	1.7	08	4.9	07	2.2	08	2.0	09	1.4
1927	03	- 1.1	04	0.7	03	- 0.1	03	- 1.8	07	1.0	11	3.4
1928	02	- 2.1	03	- 0.3	02	- 1.1	05	0.2	10	4.0	12	4.4
1929	04	- 0.1	05	1.7	06	2.9	05	0.2	09	3.0	07	- 0.6
1930	04	- 0.1	00	- 3.3	-02	- 5.1	05	0.2	07	1.0	10	2.4
1931	00	- 4.1	07	3.7	02	- 1.1	08	3.2	07	1.0	09	1.4
1932	05	0.9	03	- 0.3	04	0.9	07	2.2	02	- 4.0	10	2.4
1933	06	1.9	05	1.7	04	0.9	05	0.2	04	- 2.0	-01	- 8.6
1934	04	- 0.1	05	1.7	03	- 0.1	04	- 0.8	06	0.0	08	0.4
1935	07	2.9	00	- 3.3	01	- 2.1	03	- 1.8	06	0.0	08	0.4
1936	01	- 3.1	01	- 2.3	02	- 1.1	07	2.2	08	2.0	08	0.4
1937	05	0.9	05	1.7	04	0.9	05	0.2	02	- 4.0	07	- 0.6
1938	03	- 1.1	04	0.7	04	0.9	06	1.2	06	0.0	15	7.4
1939		•		•		•		•		•		•
1940		•		•		•	05	0.2	05	- 1.0	08	0.4
1941	02	- 2.1	01	- 2.3	03	- 0.1	02	- 2.8	03	- 3.0	10	2.4
1942	02	- 2.1	06	2.7	02	- 1.1	02	- 2.8	-04	-10.0	03	- 4.6
1943	05	0.9	02	- 1.3	06	2.9	08	3.2	09	3.0	08	0.4
1944	07	2.9	03	- 0.3	00	- 3.1	01	- 3.8	10	4.0	12	4.4
1945	05	0.9	04	0.7	04	0.9	06	1.2	01	- 5.0	10	2.4
1946	03	- 1.1	02	- 1.3	02	- 1.1	05	0.2	01	- 5.0	07	- 0.6
1947	07	2.9	04	0.7	04	0.9	05	0.2	11	5.0	10	2.4
1948	06	1.9	04	0.7	01	- 2.1	06	1.2	10	4.0	07	- 0.6
1949	06	1.9	04	0.7	05	1.9	06	1.2	10	4.0	07	- 0.6
1950	05	0.9	06	2.7	04	0.9	05	0.2	-02	- 8.0	05	- 2.6
1951	04	- 0.1	04	0.7	02	- 1.1	07	2.2	06	0.0	05	- 2.6
1952	03	- 1.1	01	- 2.3	02	- 1.1	04	- 0.8	09	3.0	06	- 1.6
1953	03	- 1.1	03	- 0.3	00	- 3.1	05	0.2	10	4.0	13	5.4
1954	04	- 0.1	03	- 0.3	04	0.9	05	0.2	08	2.0	05	- 2.6
1955	06	1.9	01	- 2.3	04	0.9	05	0.2	04	- 2.0	-03	- 10.6
1956	04	- 0.1	03	- 0.3	04	0.9	-01	- 5.8	06	0.0	02	- 5.6
1957	01	- 3.1	02	- 1.3	06	2.9	04	- 0.8	08	2.0	07	- 0.6
MEAN 1926-57		4.1		3.3		3.1		4.8		6.0		7.6
RMS		1.88		1.81		2.06		1.99		3.72		3.79
MEAN 1926-35		4.1		3.7		3.1		5.2		6.6		8.3
MEAN 1936-45		3.8		3.3		3.1		4.7		4.4		9.0
MEAN 1946-55		4.7		3.2		2.8		5.3		6.7		6.2

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 5	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	11	5.3	09	2.7	10	3.9	06	- 0.1	05	- 1.6	01	- 4.1
1927	07	1.3	08	1.7	05	- 1.1	03	- 3.1	05	- 1.6	08	2.9
1928	11	5.3	12	5.7	05	- 1.1	06	- 0.1	06	- 0.6	06	0.9
1929	09	3.3	10	3.7	07	0.9	06	- 0.1	08	1.4	04	- 1.1
1930	01	- 4.7	00	- 6.3	04	- 2.1	07	0.9	10	3.4	07	1.9
1931	12	6.3	10	3.7	02	- 4.1	04	- 2.1	05	- 1.6	04	- 1.1
1932	06	0.3	02	- 4.3	06	- 0.1	08	1.9	09	2.4	03	- 2.1
1933	07	1.3	02	- 4.3	05	- 1.1	08	1.9	04	- 2.6	06	0.9
1934	05	- 0.7	06	- 0.3	06	- 0.1	10	3.9	05	- 1.6	07	1.9
1935	-01	- 6.7	07	0.7	03	- 3.1	06	- 0.1	06	- 0.6	05	- 0.1
1936	08	2.3	03	- 3.3	08	1.9	06	- 0.1	12	5.4	02	- 3.1
1937	04	- 1.7	05	- 1.3	06	- 0.1	05	- 1.1	08	1.4	05	- 0.1
1938	08	2.3	00	- 6.3	08	1.9	10	3.9	10	3.4	08	2.9
1939	10	4.3	11	4.7	03	- 3.1	05	- 1.1	03	- 3.6	06	0.9
1940		.		.		.		.		.		.
1941	05	- 0.7	06	- 0.3	09	2.9	06	- 0.1	06	- 0.6	06	0.9
1942	06	0.3	10	3.7	08	1.9	04	- 2.1	06	- 0.6		.
1943	05	- 0.7	07	0.7	00	- 6.1	08	1.9	02	- 4.6	03	- 2.1
1944	09	3.3	09	2.7	-02	- 8.1	06	- 0.1	08	1.4	06	0.9
1945	12	6.3	08	1.7	15	8.9	-01	- 7.1	02	- 4.6	04	- 1.1
1946	10	4.3	08	1.7	10	3.9	11	4.9	05	- 1.6	05	- 0.1
1947	-01	- 6.7	04	- 2.3	05	- 1.1	09	2.9	12	5.4	07	1.9
1948	08	2.3	04	- 2.3	05	- 1.1	-05	-11.1	05	- 1.6	06	0.9
1949	02	- 3.7	03	- 3.3	11	4.9	08	1.9	04	- 2.6	05	- 0.1
1950	-05	- 10.7	02	- 4.3	10	3.9	05	- 1.1	07	0.4	03	- 2.1
1951	05	- 0.7	07	0.7	01	- 5.1	10	3.9	07	0.4	03	- 2.1
1952	03	- 2.7	09	2.7	08	1.9	08	1.9	04	- 2.6	08	2.9
1953	04	- 1.7	13	6.7	08	1.9	06	- 0.1	07	0.4	03	- 2.1
1954	-01	- 6.7	07	0.7	03	- 3.1	-02	- 8.1	08	1.4	07	1.9
1955	15	9.3	04	- 2.3	02	- 4.1	08	1.9	10	3.4	04	- 1.1
1956	-02	- 7.7	06	- 0.3	09	2.9	08	1.9	11	4.4	06	0.9
1957	03	- 2.7	02	- 4.3	09	2.9	09	2.9	05	- 1.6	05	- 0.1
MEAN 1926-57		5.7		6.3		6.1		6.1		6.6		5.1
RMS		4.72		3.49		3.63		3.53		2.72		1.84
MEAN 1926-35		6.8		6.6		5.3		6.4		6.3		5.1
MEAN 1936-45		7.4		6.6		6.1		5.4		6.3		5.0
MEAN 1946-55		4.0		6.1		6.3		5.8		6.9		5.1

LOC 5	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	05	- 0.4	06	1.0	08	3.4	06	0.0	08	1.4	10	3.0
1927	07	1.6	08	3.0	04	- 0.6	04	- 2.0	06	- 0.6	06	- 1.0
1928	08	2.6	03	- 2.0	04	- 0.6	07	1.0	10	3.4	11	4.0
1929	06	0.6	04	- 1.0	07	2.4	08	2.0	10	3.4	04	- 3.0
1930	04	- 1.4	02	- 3.0	01	- 3.6	04	- 2.0	07	0.4	10	3.0
1931	04	- 1.4	07	2.0	05	0.4	09	3.0	10	3.4	09	2.0
1932	07	1.6	05	0.0	05	0.4	08	2.0	03	- 3.6	11	4.0
1933	06	0.6	05	0.0	07	2.4	05	- 1.0	05	- 1.6	-05	- 12.0
1934	06	0.6	03	- 2.0	03	- 1.6	08	2.0	08	1.4	07	0.0
1935	06	0.6	05	0.0	02	- 2.6	00	- 6.0	06	- 0.6	07	0.0
1936	05	- 0.4	07	2.0	06	1.4	06	0.0	08	1.4	10	3.0
1937	09	3.6	07	2.0	06	1.4	08	2.0	03	- 3.6	05	- 2.0
1938	05	- 0.4	07	2.0	05	0.4	07	1.0	07	0.4	13	6.0
1939		•		•		•		•		•		•
1940		•		•		•	05	- 1.0	04	- 2.6	09	2.0
1941	03	- 2.4	02	- 3.0	05	0.4	04	- 2.0	02	- 4.6	10	3.0
1942	03	- 2.4	06	1.0	03	- 1.6	05	- 1.0	-03	- 9.6	04	- 3.0
1943	05	- 0.4	04	- 1.0	08	3.4	07	1.0	10	3.4	10	3.0
1944	07	1.6	05	0.0	03	- 1.6	04	- 2.0	11	4.4	11	4.0
1945	03	- 2.4	07	2.0	04	- 0.6	08	2.0	01	- 5.6	07	0.0
1946	05	- 0.4	03	- 2.0	05	0.4	06	0.0	01	- 5.6	03	- 4.0
1947	08	2.6	05	0.0	05	0.4	07	1.0	10	3.4	12	5.0
1948	07	1.6	05	0.0	04	- 0.6	09	3.0	11	4.4	10	3.0
1949	07	1.6	06	1.0	06	1.4	07	1.0	11	4.4	04	- 3.0
1950	05	- 0.4	05	0.0	05	0.4	06	0.0	-03	- 9.6	03	- 4.0
1951	05	- 0.4	05	0.0	01	- 3.6	05	- 1.0	07	0.4	03	- 4.0
1952	05	- 0.4	02	- 3.0	02	- 2.6	07	1.0	11	4.4	10	3.0
1953	03	- 2.4	06	1.0	03	- 1.6	07	1.0	13	6.4	10	3.0
1954	05	- 0.4	06	1.0	04	- 0.6	08	2.0	08	1.4	04	- 3.0
1955	07	1.6	05	0.0	05	0.4	08	2.0	04	- 2.6	-02	- 9.0
1956	04	- 1.4	05	0.0	05	0.4	01	- 5.0	05	- 1.6	02	- 5.0
1957	03	- 2.4	03	- 2.0	07	2.4	03	- 3.0	10	3.4	10	3.0
MEAN 1926-57		5.4		5.0		4.6		6.0		6.6		7.0
RMS		1.65		1.65		1.85		2.18		4.12		4.23
MEAN 1926-35		5.9		4.8		4.6		5.9		7.3		7.0
MEAN 1936-45		5.0		5.6		5.0		6.0		4.8		8.8
MEAN 1946-55		5.7		4.8		4.0		7.0		7.3		5.7

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 6	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	09	3.4	09	3.2	09	2.6	04	- 1.8	08	1.7	00	- 5.0
1927	04	- 1.6	09	3.2	09	2.6	04	- 1.8	07	0.7	08	3.0
1928	08	2.4	05	- 0.8	07	0.6	10	4.2	08	1.7	05	0.0
1929	03	- 2.6	06	0.2	09	2.6	06	0.2	06	- 0.3	06	1.0
1930	-02	- 7.6	06	0.2	06	- 0.4	04	- 1.8	09	2.7	06	1.0
1931	13	7.4	11	5.2	05	- 1.4	04	- 1.8	05	- 1.3	04	- 1.0
1932	10	4.4	04	- 1.8	04	- 2.4	09	3.2	09	2.7	07	2.0
1933	09	3.4	05	- 0.8	06	- 0.4	07	1.2	07	0.7	05	0.0
1934	08	2.4	04	- 1.8	01	- 5.4	04	- 1.8	06	- 0.3	08	3.0
1935	02	- 3.6	08	2.2	03	- 3.4	05	- 0.8	06	- 0.3	03	- 2.0
1936	08	2.4	00	- 5.8	06	- 0.4	02	- 3.8	10	3.7	01	- 4.0
1937	05	- 0.6	05	- 0.8	03	- 3.4	07	1.2	07	0.7	07	2.0
1938	07	1.4	05	- 0.8	08	1.6	08	2.2	09	2.7	07	2.0
1939	08	2.4	10	4.2	06	- 0.4	06	0.2	06	- 0.3	05	0.0
1940												
1941	06	0.4	03	- 2.8	09	2.6	07	1.2	06	- 0.3	05	0.0
1942	05	- 0.6	10	4.2	10	3.6	03	- 2.8	05	- 1.3	01	- 4.0
1943	05	- 0.6	07	1.2	01	- 5.4	08	2.2	02	- 4.3	05	0.0
1944	10	4.4	06	0.2	00	- 6.4	08	2.2	07	0.7	05	0.0
1945	12	6.4	08	2.2	15	8.6	02	- 3.8	01	- 5.3	04	- 1.0
1946	08	2.4	10	4.2	11	4.6	10	4.2	03	- 3.3	04	- 1.0
1947	01	- 4.6	01	- 4.8	03	- 3.4	07	1.2	08	1.7	08	3.0
1948	08	2.4	03	- 2.8	06	- 0.4	00	- 5.8	06	- 0.3	05	0.0
1949	05	- 0.6	04	- 1.8	07	0.6	09	3.2	02	- 4.3	05	0.0
1950	-03	- 8.6	04	- 1.8	10	3.6	08	2.2	10	3.7	05	0.0
1951	04	- 1.6	02	- 3.8	03	- 3.4	07	1.2	05	- 1.3	04	- 1.0
1952	05	- 0.6	09	3.2	11	4.6	08	2.2	02	- 4.3	06	1.0
1953	04	- 1.6	10	4.2	08	1.6	03	- 2.8	07	0.7	03	- 2.0
1954	00	- 5.6	07	1.2	03	- 3.4	00	- 5.8	06	- 0.3	07	2.0
1955	11	5.4	03	- 2.8	04	- 2.4	09	3.2	10	3.7	04	- 1.0
1956	03	- 2.6	05	- 0.8	09	2.6	06	0.2	10	3.7	06	1.0
1957	-01	- 6.6	01	- 4.8	07	0.6	06	0.2	02	- 4.3	06	1.0
MEAN 1926-57		5.6		5.8		6.4		5.8		6.3		5.0
RMS		4.03		3.03		3.43		2.75		2.62		1.98
MEAN 1926-35		6.4		6.7		5.9		5.7		7.1		5.2
MEAN 1936-45		7.3		6.0		6.4		5.7		5.9		4.4
MEAN 1946-55		4.3		5.3		6.6		6.1		5.9		5.1

LOC 6	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	06	0.5	05	0.1	05	- 0.5	07	- 0.5	06	- 0.7	12	5.0
1927	07	1.5	07	2.1	06	0.5	08	0.5	03	- 3.7	06	- 1.0
1928	07	1.5	05	0.1	07	1.5	08	0.5	08	1.3	09	2.0
1929	06	0.5	04	- 0.9	06	0.5	11	3.5	06	- 0.7	02	- 5.0
1930	03	- 2.5	03	- 1.9	06	0.5	04	- 3.5	07	0.3	11	4.0
1931	05	- 0.5	04	- 0.9	07	1.5	10	2.5	09	2.3	07	0.0
1932	06	0.5	06	1.1	04	- 1.5	08	0.5	08	1.3	09	2.0
1933	07	1.5	07	2.1	08	2.5	05	- 2.5	05	- 1.7	-01	- 8.0
1934	04	- 1.5	05	0.1	07	1.5	08	0.5	09	2.3	07	0.0
1935	05	- 0.5	06	1.1	02	- 3.5	-01	- 8.5	06	- 0.7	06	- 1.0
1936	05	- 0.5	06	1.1	05	- 0.5	07	- 0.5	06	- 0.7	10	3.0
1937	09	3.5	06	1.1	05	- 0.5	08	0.5	05	- 1.7	03	- 4.0
1938	05	- 0.5	04	- 0.9	07	1.5	11	3.5	06	- 0.7	10	3.0
1939		•		•		•		•		•		•
1940		•		•		•	07	- 0.5	04	- 2.7	03	- 4.0
1941	05	- 0.5	01	- 3.9	07	1.5	06	- 1.5	03	- 3.7	09	2.0
1942	03	- 2.5	05	0.1	02	- 3.5	09	1.5	-01	- 7.7	04	- 3.0
1943	06	0.5	07	2.1	10	4.5	10	2.5	11	4.3	10	3.0
1944	07	1.5	04	- 0.9	05	- 0.5	04	- 3.5	11	4.3	07	0.0
1945	04	- 1.5	05	0.1	05	- 0.5	07	- 0.5	06	- 0.7	04	- 3.0
1946	06	0.5	03	- 1.9	05	- 0.5	06	- 1.5	02	- 4.7	03	- 4.0
1947	07	1.5	06	1.1	06	0.5	10	2.5	09	2.3	12	5.0
1948	07	1.5	06	1.1	07	1.5	10	2.5	11	4.3	10	3.0
1949	07	1.5	05	0.1	06	0.5	09	1.5	09	2.3	04	- 3.0
1950	07	1.5	04	- 0.9	06	0.5	10	2.5	-01	- 7.7	04	- 3.0
1951	03	- 2.5	04	- 0.9	05	- 0.5	05	- 2.5	07	0.3	04	- 3.0
1952	04	- 1.5	04	- 0.9	05	- 0.5	05	- 2.5	11	4.3	13	6.0
1953	02	- 3.5	06	1.1	05	- 0.5	10	2.5	12	5.3	12	5.0
1954	05	- 0.5	04	- 0.9	03	- 2.5	10	2.5	08	1.3	08	1.0
1955	08	2.5	06	1.1	05	- 0.5	10	2.5	04	- 2.7	02	- 5.0
1956	03	- 2.5	06	1.1	04	- 1.5	06	- 1.5	07	0.3	07	0.0
1957	05	- 0.5	04	- 0.9	05	- 0.5	04	- 3.5	09	2.3	09	2.0
MEAN 1926-57		5.5		4.9		5.5		7.5		6.7		7.0
RMS		1.70		1.36		1.66		2.68		3.35		3.60
MEAN 1926-35		5.6		5.2		5.8		6.8		6.8		6.8
MEAN 1936-45		5.5		4.8		5.8		7.7		5.7		6.7
MEAN 1946-55		5.6		4.8		5.3		8.5		7.2		7.2

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 7	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	10	4.1	09	3.2	08	2.4	05	- 0.1	07	2.5	03	- 0.7
1927	00	- 5.9	07	1.2	08	2.4	05	- 0.1	05	0.5	05	1.3
1928	05	- 0.9	05	- 0.8	08	2.4	07	1.9	07	2.5	02	- 1.7
1929	04	- 1.9	05	- 0.8	08	2.4	04	- 1.1	05	0.5	05	1.3
1930	-03	- 8.9	09	3.2	04	- 1.6	01	- 4.1	05	0.5	04	0.3
1931	12	6.1	10	4.2	07	1.4	07	1.9	07	2.5	03	- 0.7
1932	08	2.1	06	0.2	05	- 0.6	06	0.9	07	2.5	06	2.3
1933	10	4.1	08	2.2	03	- 2.6	06	0.9	05	0.5	03	- 0.7
1934	13	7.1	05	- 0.8	03	- 2.6	03	- 2.1	03	- 1.5	07	3.3
1935	03	- 2.9	05	- 0.8	03	- 2.6	01	- 4.1	06	1.5	03	- 0.7
1936	07	1.1	00	- 5.8	06	0.4	01	- 4.1	02	- 2.5	00	- 3.7
1937	00	- 5.9	04	- 1.8	04	- 1.6	07	1.9	06	1.5	04	0.3
1938	07	1.1	02	- 3.8	06	0.4	06	0.9	07	2.5	06	2.3
1939	09	3.1	09	3.2	08	2.4	06	0.9	06	1.5	04	0.3
1940		.		.		.		.		.		.
1941	04	- 1.9	01	- 4.8	05	- 0.6	06	0.9	03	- 1.5	04	0.3
1942	04	- 1.9	05	- 0.8	09	3.4	03	- 2.1	02	- 2.5	03	- 0.7
1943	04	- 1.9	05	- 0.8	02	- 3.6	08	2.9	02	- 2.5	03	- 0.7
1944	09	3.1	04	- 1.8	05	- 0.6	06	0.9	07	2.5	03	- 0.7
1945	10	4.1	07	1.2	09	3.4	07	1.9	01	- 3.5	03	- 0.7
1946	09	3.1	09	3.2	08	2.4	05	- 0.1	03	- 1.5	01	- 2.7
1947	07	1.1	03	- 2.8	05	- 0.6	07	1.9	03	- 1.5	04	0.3
1948	10	4.1	05	- 0.8	04	- 1.6	-01	- 6.1	03	- 1.5	01	- 2.7
1949	07	1.1	05	- 0.8	02	- 3.6	10	4.9	01	- 3.5	05	1.3
1950	-02	- 7.9	09	3.2	06	0.4	07	1.9	07	2.5	04	0.3
1951	07	1.1	01	- 4.8	05	- 0.6	05	- 0.1	04	- 0.5	04	0.3
1952	09	3.1	09	3.2	07	1.4	06	0.9	03	- 1.5	04	0.3
1953	05	- 0.9	12	6.2	07	1.4	05	- 0.1	04	- 0.5	02	- 1.7
1954	04	- 1.9	08	2.2	00	- 5.6	03	- 2.1	05	0.5	06	2.3
1955	08	2.1	05	- 0.8	06	0.4	06	0.9	08	3.5	03	- 0.7
1956	03	- 2.9	07	1.2	07	1.4	06	0.9	05	0.5	06	2.3
1957	-01	- 6.9	02	- 3.8	05	- 0.6	03	- 2.1	02	- 2.5	04	0.3
MEAN 1926-57		5.9		5.8		5.6		5.1		4.5		3.7
RMS		4.10		2.95		2.26		2.37		2.06		1.60
MEAN 1926-35		6.2		6.9		5.7		4.5		5.7		4.1
MEAN 1936-45		6.0		4.1		6.0		5.6		4.0		3.3
MEAN 1946-55		6.4		6.6		5.0		5.3		4.1		3.4

LOC 7	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	08	4.6	04	1.4	02	- 2.1	07	- 0.2	04	- 2.8	10	3.0
1927	03	- 0.4	03	0.4	06	1.9	07	- 0.2	03	- 3.8	05	- 2.0
1928	03	- 0.4	03	0.4	05	0.9	08	0.8	08	1.2	10	3.0
1929	03	- 0.4	04	1.4	02	- 2.1	09	1.8	08	1.2	03	- 4.0
1930	02	- 1.4	01	- 1.6	04	- 0.1	06	- 1.2	07	0.2	11	4.0
1931	02	- 1.4	03	0.4	04	- 0.1	08	0.8	04	- 2.8	05	- 2.0
1932	04	0.6	02	- 0.6	07	2.9	09	1.8	09	2.2	09	2.0
1933	04	0.6	05	2.4	06	1.9	05	- 2.2	09	2.2	01	- 6.0
1934	03	- 0.4	00	- 2.6	05	0.9	06	- 1.2	07	0.2	08	1.0
1935	03	- 0.4	03	0.4	02	- 2.1	04	- 3.2	05	- 1.8	06	- 1.0
1936	05	1.6	03	0.4	05	0.9	07	- 0.2	09	2.2	08	1.0
1937	05	1.6	02	- 0.6	03	- 1.1	08	0.8	05	- 1.8	05	- 2.0
1938	03	- 0.4	-01	- 3.6	05	0.9	06	- 1.2	06	- 0.8	10	3.0
1939		•		•		•		•		•		•
1940		•		•		•	08	0.8	05	- 1.8	04	- 3.0
1941	05	1.6	00	- 2.6	05	0.9	06	- 1.2	06	- 0.8	05	- 2.0
1942	01	- 2.4	03	0.4	00	- 4.1	09	1.8	05	- 1.8	07	0.0
1943	03	- 0.4	05	2.4	05	0.9	08	0.8	09	2.2	11	4.0
1944	06	2.6	03	0.4	03	- 1.1	05	- 2.2	08	1.2	03	- 4.0
1945	04	0.6	02	- 0.6	05	0.9	07	- 0.2	06	- 0.8	06	- 1.0
1946	04	0.6	02	- 0.6	05	0.9	06	- 1.2	02	- 4.8	07	0.0
1947	02	- 1.4	02	- 0.6	05	0.9	11	3.8	09	2.2	10	3.0
1948	02	- 1.4	02	- 0.6	05	0.9	09	1.8	13	6.2	06	- 1.0
1949	04	0.6	03	0.4	05	0.9	10	2.8	09	2.2	06	- 1.0
1950	06	2.6	04	1.4	05	0.9	06	- 1.2	01	- 5.8	05	- 2.0
1951	01	- 2.4	03	0.4	04	- 0.1	04	- 3.2	08	1.2	03	- 4.0
1952	01	- 2.4	02	- 0.6	05	0.9	06	- 1.2	07	0.2	13	6.0
1953	02	- 1.4	04	1.4	06	1.9	09	1.8	08	1.2	13	6.0
1954	03	- 0.4	00	- 2.6	02	- 2.1	07	- 0.2	09	2.2	07	0.0
1955	01	- 2.4	04	1.4	05	0.9	11	3.8	06	- 0.8	02	- 5.0
1956	04	0.6	07	4.4	00	- 4.1	09	1.8	09	2.2	10	3.0
1957	04	0.6	01	- 1.6	03	- 1.1	02	- 5.2	08	1.2	09	2.0
MEAN 1926-57		3.4		2.6		4.1		7.2		6.8		7.0
RMS		1.65		1.69		1.72		2.06		2.50		3.17
MEAN 1926-35		3.5		2.8		4.3		6.9		6.4		6.8
MEAN 1936-45		4.0		2.1		3.9		7.1		6.6		6.6
MEAN 1946-55		2.6		2.6		4.7		7.9		7.2		7.2

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 8	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	-07	- 4.5	-08	- 5.9	-02	- 1.7	-02	- 1.4	-05	- 5.5	01	- 1.1
1927	-02	0.5	-06	- 3.9	00	0.3	01	1.6	02	1.5	02	- 0.1
1928	-08	- 5.5	-05	- 2.9	-03	- 2.7	-02	- 1.4	-01	- 1.5	05	2.9
1929	03	5.5	02	4.1	01	1.3	03	3.6	02	1.5	-02	- 4.1
1930	00	2.5	-07	- 4.9	02	2.3	-04	- 3.4	01	0.5	02	- 0.1
1931	-07	- 4.5	-03	- 0.9	-03	- 2.7	-05	- 4.4	01	0.5	00	- 2.1
1932	02	4.5	02	4.1	-05	- 4.7	-03	- 2.4	01	0.5	03	0.9
1933	05	7.5	-02	0.1	-04	- 3.7	02	2.6	00	- 0.5	02	- 0.1
1934	-07	- 4.5	-09	- 6.9	-02	- 1.7	-03	- 2.4	-03	- 3.5	03	0.9
1935	-04	- 1.5	-04	- 1.9	02	2.3	02	2.6	02	1.5	-02	- 4.1
1936	-03	- 0.5	01	3.1	02	2.3	-04	- 3.4	00	- 0.5	-02	- 4.1
1937	10	12.5	-01	1.1	03	3.3	00	0.6	-02	- 2.5	00	- 2.1
1938	-06	- 3.5	-05	- 2.9	00	0.3	-03	- 2.4	02	1.5	03	0.9
1939	-01	1.5	03	5.1	01	1.3	-02	- 1.4	00	- 0.5	04	1.9
1940												
1941	-09	- 6.5	-04	- 1.9	-01	- 0.7	00	0.6	03	2.5	02	- 0.1
1942	-07	- 4.5	-02	0.1	-02	- 1.7	00	0.6	-01	- 1.5	00	- 2.1
1943	-05	- 2.5	-03	- 0.9	00	0.3	00	0.6	00	- 0.5	02	- 0.1
1944	-08	- 5.5	03	5.1	-01	- 0.7	00	0.6	02	1.5	05	2.9
1945	-08	- 5.5	-02	0.1	-01	- 0.7	02	2.6	03	2.5	01	- 1.1
1946	-03	- 0.5	-03	- 0.9	01	1.3	00	0.6	03	2.5	01	- 1.1
1947	00	2.5	-06	- 3.9	-01	- 0.7	-02	- 1.4	00	- 0.5	02	- 0.1
1948	-04	- 1.5	03	5.1	01	1.3	03	3.6	-01	- 1.5	03	0.9
1949	-01	1.5	03	5.1	-01	- 0.7	-03	- 2.4	02	1.5	05	2.9
1950	04	6.5	-05	- 2.9	-04	- 3.7	-01	- 0.4	01	0.5	01	- 1.1
1951	-01	1.5	-01	1.1	02	2.3	02	2.6	01	0.5	06	3.9
1952	00	2.5	-01	1.1	03	3.3	-03	- 2.4	02	1.5	04	1.9
1953	-05	- 2.5	-03	- 0.9	00	0.3	-01	- 0.4	-01	- 1.5	04	1.9
1954	-01	1.5	-05	- 2.9	04	4.3	01	1.6	00	- 0.5	00	- 2.1
1955	-02	0.5	02	4.1	03	3.3	02	2.6	01	0.5	04	1.9
1956	-07	- 4.5	01	3.1	-01	- 0.7	02	2.6	02	1.5	01	- 1.1
1957	06	8.5	01	3.1	-02	- 1.7	00	0.6	00	- 0.5	00	- 2.1
MEAN 1926-57		- 2.5		- 2.1		- 0.3		- 0.6		0.5		1.9
RMS		4.73		3.50		2.29		2.26		1.81		2.13
MEAN 1926-35		- 2.5		- 4.0		- 1.4		- 1.1		0.0		1.4
MEAN 1936-45		- 4.1		- 1.1		0.1		- 0.8		0.8		1.7
MEAN 1946-55		- 1.3		- 1.6		0.8		- 0.2		0.8		3.0

LOC 8	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	02	- 1.6	04	0.1	06	3.7	-05	- 3.3	-04	- 0.8	-01	2.1
1927	05	1.4	05	1.1	02	- 0.3	-01	0.7	00	3.2	00	3.1
1928	05	1.4	04	0.1	03	0.7	00	1.7	-07	- 3.8	-06	- 2.9
1929	02	- 1.6	01	- 2.9	05	2.7	-03	- 1.3	-02	1.2	-02	1.1
1930	05	1.4	01	- 2.9	03	0.7	-02	- 0.3	-03	0.2	-08	- 4.9
1931	04	0.4	03	- 0.9	02	- 0.3	01	2.7	03	6.2	-02	1.1
1932	02	- 1.6	06	2.1	03	0.7	00	1.7	-03	0.2	-02	1.1
1933	03	- 0.6	04	0.1	02	- 0.3	-02	- 0.3	-04	- 0.8	-03	0.1
1934	05	1.4	05	1.1	03	0.7	-05	- 3.3	-05	- 1.8	-03	0.1
1935	06	2.4	06	2.1	02	- 0.3	01	2.7	-01	2.2	-10	- 6.9
1936	02	- 1.6	04	0.1	04	1.7	00	1.7	-05	- 1.8	02	5.1
1937	04	0.4	04	0.1	02	- 0.3	-05	- 3.3	-03	0.2	-05	- 1.9
1938	04	0.4	04	0.1	-01	- 3.3	-05	- 3.3	-01	2.2	-05	- 1.9
1939		•		•		•		•		•		.
1940		•		•		•	-03	- 1.3	-03	0.2	-08	- 4.9
1941	05	1.4	03	- 0.9	04	1.7	00	1.7	-05	- 1.8	-01	2.1
1942	02	- 1.6	03	- 0.9	02	- 0.3	-02	- 0.3	-02	1.2	-04	- 0.9
1943	02	- 1.6	04	0.1	01	- 1.3	01	2.7	-08	- 4.8	-04	- 0.9
1944	04	0.4	04	0.1	01	- 1.3	-05	- 3.3	-01	2.2	-05	- 1.9
1945	02	- 1.6	05	1.1	04	1.7	00	1.7	02	5.2	-07	- 3.9
1946	02	- 1.6	03	- 0.9	-02	- 4.3	02	3.7	-01	2.2	00	3.1
1947	02	- 1.6	08	4.1	04	1.7	-05	- 3.3	-01	2.2	-02	1.1
1948	04	0.4	04	0.1	00	- 2.3	-01	0.7	-01	2.2	03	6.1
1949	04	0.4	03	- 0.9	02	- 0.3	00	1.7	-07	- 3.8	01	4.1
1950	02	- 1.6	00	- 3.9	01	- 1.3	-01	0.7	-04	- 0.8	-07	- 3.9
1951	04	0.4	05	1.1	01	- 1.3	-01	0.7	-04	- 0.8	02	5.1
1952	06	2.4	04	0.1	03	0.7	-03	- 1.3	-03	0.2	-04	- 0.9
1953	03	- 0.6	04	0.1	02	- 0.3	-04	- 2.3	-06	- 2.8	-03	0.1
1954	04	0.4	06	2.1	03	0.7	-05	- 3.3	-08	- 4.8	-04	- 0.9
1955	04	0.4	04	0.1	03	0.7	-01	0.7	-03	0.2	-03	0.1
1956	06	2.4	02	- 1.9	02	- 0.3	00	1.7	-04	- 0.8	-03	0.1
1957	04	0.4	03	- 0.9	01	- 1.3	00	1.7	-04	- 0.8	-03	0.1
MEAN 1926-57		3.6		3.9		2.3		- 1.7		- 3.2		- 3.1
RMS		1.38		1.61		1.66		2.22		2.61		3.10
MEAN 1926-35		3.9		3.9		3.1		- 1.6		- 2.6		- 3.7
MEAN 1936-45		3.1		3.9		2.1		- 2.1		- 2.9		- 4.1
MEAN 1946-55		3.5		4.1		1.7		- 1.9		- 3.8		- 1.7

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 9	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	-01	- 2.2	-02	- 3.1	03	0.1	01	- 1.9	02	- 2.1	05	- 0.2
1927	01	- 0.2	-02	- 3.1	06	3.1	04	1.1	05	0.9	05	- 0.2
1928	-02	- 3.2	00	- 1.1	00	- 2.9	04	1.1	05	0.9	05	- 0.2
1929	02	0.8	03	1.9	05	2.1	04	1.1	03	- 1.1	03	- 2.2
1930	00	- 1.2	-03	- 4.1	04	1.1	-01	- 3.9	07	2.9	07	1.8
1931	-03	- 4.2	02	0.9	00	- 2.9	01	- 1.9	04	- 0.1	05	- 0.2
1932	07	5.8	04	2.9	-01	- 3.9	01	- 1.9	06	1.9	06	0.8
1933	07	5.8	01	- 0.1	00	- 2.9	07	4.1	04	- 0.1	05	- 0.2
1934	00	- 1.2	-04	- 5.1	-02	- 4.9	01	- 1.9	02	- 2.1	07	1.8
1935	-02	- 3.2	-01	- 2.1	04	1.1	03	0.1	06	1.9	04	- 1.2
1936	00	- 1.2	00	- 1.1	05	2.1	00	- 2.9	04	- 0.1	02	- 3.2
1937	10	8.8	01	- 0.1	00	- 2.9	03	0.1	04	- 0.1	03	- 2.2
1938	00	- 1.2	02	0.9	03	0.1	03	0.1	04	- 0.1	06	0.8
1939	04	2.8	07	5.9	04	1.1	03	0.1	05	0.9	06	0.8
1940					•		•		•		•	
1941	-03	- 4.2	-02	- 3.1	02	- 0.9	05	2.1	04	- 0.1	07	1.8
1942	-03	- 4.2	00	- 1.1	01	- 1.9	01	- 1.9	03	- 1.1		•
1943	-01	- 2.2	-01	- 2.1	00	- 2.9	03	0.1	03	- 1.1	07	1.8
1944	-01	- 2.2	06	4.9	01	- 1.9	03	0.1	04	- 0.1	06	0.8
1945	-02	- 3.2	01	- 0.1	06	3.1	05	2.1	02	- 2.1	05	- 0.2
1946	01	- 0.2	01	- 0.1	07	4.1	03	0.1	04	- 0.1	04	- 1.2
1947	00	- 1.2	00	- 1.1	01	- 1.9	03	0.1	03	- 1.1	05	- 0.2
1948	00	- 1.2	04	2.9	04	1.1	03	0.1	03	- 1.1	05	- 0.2
1949	06	4.8	03	1.9	02	- 0.9	00	- 2.9	04	- 0.1	04	- 1.2
1950	05	3.8	-01	- 2.1	00	- 2.9	01	- 1.9	06	1.9	03	- 2.2
1951	02	0.8	02	0.9	05	2.1	04	1.1	04	- 0.1	06	0.8
1952	02	0.8	01	- 0.1	08	5.1	03	0.1	02	- 2.1	09	3.8
1953	-01	- 2.2	04	2.9	06	3.1	04	1.1	05	0.9	08	2.8
1954	02	0.8	01	- 0.1	05	2.1	03	0.1	04	- 0.1	08	2.8
1955	03	1.8	02	0.9	05	2.1	06	3.1	07	2.9	06	0.8
1956	00	- 1.2	05	3.9	03	0.1	05	2.1	03	- 1.1	05	- 0.2
1957	04	2.8	-01	- 2.1	02	- 0.9	04	1.1	05	0.9	04	- 1.2
MEAN 1926-57		1.2		1.1		2.9		2.9		4.1		5.4
RMS		3.25		2.61		2.59		1.83		1.37		1.63
MEAN 1926-35		0.9		- 0.2		1.9		2.5		4.4		5.2
MEAN 1936-45		0.4		1.6		2.4		2.9		3.7		5.3
MEAN 1946-55		2.0		1.7		4.3		3.0		4.2		5.8

LOC 9	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	06	0.4	05	- 0.5	07	2.4	00	- 2.4	-01	- 1.9	04	3.1
1927	05	- 0.6	05	- 0.5	05	0.4	03	0.6	02	1.1	04	3.1
1928	05	- 0.6	05	- 0.5	05	0.4	04	1.6	-01	- 1.9	00	- 0.9
1929	05	- 0.6	05	- 0.5	06	1.4	02	- 0.4	02	1.1	-01	- 1.9
1930	05	- 0.6	05	- 0.5	06	1.4	03	0.6	00	- 0.9	00	- 0.9
1931	06	0.4	05	- 0.5	06	1.4	05	2.6	04	3.1	01	0.1
1932	05	- 0.6	07	1.5	05	0.4	04	1.6	00	- 0.9	03	2.1
1933	06	0.4	06	0.5	05	0.4	03	0.6	00	- 0.9	-02	- 2.9
1934	07	1.4	04	- 1.5	03	- 1.6	01	- 1.4	00	- 0.9	03	2.1
1935	07	1.4	06	0.5	03	- 1.6	01	- 1.4	01	0.1	-04	- 4.9
1936	07	1.4	06	0.5	06	1.4	04	1.6	00	- 0.9	06	5.1
1937	06	0.4	06	0.5	05	0.4	02	- 0.4	00	- 0.9	00	- 0.9
1938	05	- 0.6	05	- 0.5	04	- 0.6	01	- 1.4	02	1.1	03	2.1
1939		.		.		.		.		.		.
1940		.		.		.	00	- 2.4	-01	- 1.9	-02	- 2.9
1941	07	1.4	05	- 0.5	05	0.4	04	1.6	-02	- 2.9	05	4.1
1942	04	- 1.6	05	- 0.5	04	- 0.6	00	- 2.4	01	0.1	-02	- 2.9
1943	05	- 0.6	07	1.5	05	0.4	05	2.6	-02	- 2.9	01	0.1
1944	06	0.4	04	- 1.5	04	- 0.6	-02	- 4.4	04	3.1	-03	- 3.9
1945	03	- 2.6	06	0.5	03	- 1.6	02	- 0.4	04	3.1	-03	- 3.9
1946	05	- 0.6	04	- 1.5	04	- 0.6	03	0.6	00	- 0.9	00	- 0.9
1947	05	- 0.6	06	0.5	04	- 0.6	01	- 1.4	04	3.1	02	1.1
1948	05	- 0.6	06	0.5	04	- 0.6	02	- 0.4	03	2.1	06	5.1
1949	05	- 0.6	04	- 1.5	04	- 0.6	05	2.6	-02	- 2.9	04	3.1
1950	04	- 1.6	03	- 2.5	05	0.4	02	- 0.4	00	- 0.9	-03	- 3.9
1951	07	1.4	08	2.5	03	- 1.6	03	0.6	02	1.1	05	4.1
1952	07	1.4	05	- 0.5	06	1.4	01	- 1.4	03	2.1	01	0.1
1953	04	- 1.6	07	1.5	04	- 0.6	03	0.6	02	1.1	01	0.1
1954	06	0.4	07	1.5	05	0.4	02	- 0.4	-02	- 2.9	-01	- 1.9
1955	07	1.4	06	0.5	06	1.4	03	0.6	02	1.1	00	- 0.9
1956	07	1.4	06	0.5	03	- 1.6	04	1.6	02	1.1	01	0.1
1957	07	1.4	06	0.5	03	- 1.6	04	1.6	02	1.1	00	- 0.9
MEAN 1926-57		5.6		5.5		4.6		2.4		0.9		0.9
RMS		1.13		1.11		1.13		1.69		1.90		2.80
MEAN 1926-35		5.7		5.3		5.1		2.6		0.7		0.8
MEAN 1936-45		5.4		5.5		4.5		1.8		0.7		0.6
MEAN 1946-55		5.5		5.6		4.5		2.5		1.2		1.5

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 10	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	02	- 0.3	03	0.5	04	0.1	03	- 1.6	07	1.5	07	1.1
1927	03	0.7	02	- 0.5	05	1.1	05	0.4	07	1.5	06	0.1
1928	00	- 2.3	02	- 0.5	02	- 1.9	06	1.4	06	0.5	05	- 0.9
1929	03	0.7	03	0.5	05	1.1	04	- 0.6	06	0.5	04	- 1.9
1930	03	0.7	03	0.5	04	0.1	05	0.4	06	0.5	07	1.1
1931	03	0.7	03	0.5	03	- 0.9	03	- 1.6	02	- 3.5	06	0.1
1932	03	0.7	04	1.5	04	0.1	04	- 0.6	06	0.5	06	0.1
1933	04	1.7	04	1.5	03	- 0.9	07	2.4	06	0.5	06	0.1
1934	03	0.7	-01	- 3.5	02	- 1.9	05	0.4	05	- 0.5	06	0.1
1935	00	- 2.3	03	0.5	03	- 0.9	03	- 1.6	07	1.5	05	- 0.9
1936	02	- 0.3	00	- 2.5	05	1.1	03	- 1.6	04	- 1.5	05	- 0.9
1937	04	1.7	01	- 1.5	03	- 0.9	05	0.4	07	1.5	04	- 1.9
1938	02	- 0.3	02	- 0.5	03	- 0.9	05	0.4	06	0.5	06	0.1
1939	04	1.7	06	3.5	03	- 0.9	04	- 0.6	04	- 1.5	05	- 0.9
1940		.		.		.		.		.		.
1941	00	- 2.3	-01	- 3.5	03	- 0.9	06	1.4	03	- 2.5	07	1.1
1942	00	- 2.3	00	- 2.5	01	- 2.9		.	03	- 2.5		.
1943	01	- 1.3	02	- 0.5	04	0.1	05	0.4	07	1.5	07	1.1
1944	01	- 1.3	03	0.5	04	0.1	03	- 1.6	05	- 0.5	05	- 0.9
1945	02	- 0.3	04	1.5	06	2.1	07	2.4	04	- 1.5	05	- 0.9
1946	02	- 0.3	02	- 0.5	06	2.1	03	- 1.6	05	- 0.5	07	1.1
1947	02	- 0.3	05	2.5	04	0.1	06	1.4	05	- 0.5	05	- 0.9
1948	02	- 0.3	04	1.5	04	0.1	03	- 1.6	07	1.5	05	- 0.9
1949	05	2.7	04	1.5	04	0.1	03	- 1.6	05	- 0.5	06	0.1
1950	02	- 0.3	02	- 0.5	04	0.1	06	1.4	07	1.5	06	0.1
1951	04	1.7	03	0.5	04	0.1	04	- 0.6	06	0.5	06	0.1
1952	02	- 0.3	02	- 0.5	08	4.1	06	1.4	05	- 0.5	06	0.1
1953	02	- 0.3	05	2.5	05	1.1	05	0.4	06	0.5	07	1.1
1954	03	0.7	02	- 0.5	03	- 0.9	03	- 1.6	06	0.5	07	1.1
1955	03	0.7	02	- 0.5	03	- 0.9	05	0.4	07	1.5	07	1.1
1956	01	- 1.3	03	0.5	04	0.1	06	1.4	05	- 0.5	06	0.1
1957	02	- 0.3	-01	- 3.5	05	1.1	05	0.4	05	- 0.5	07	1.1
MEAN 1926-57		2.3		2.5		3.9		4.6		5.5		5.9
RMS		1.29		1.75		1.35		1.30		1.34		0.92
MEAN 1926-35		2.4		2.6		3.5		4.5		5.8		5.8
MEAN 1936-45		1.8		1.9		3.6		4.8		4.8		5.5
MEAN 1946-55		2.7		3.1		4.5		4.4		5.9		6.2

LOC 10	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	07	1.4	05	0.1	06	1.5	04	0.3	02	- 0.7	05	3.1
1927	05	- 0.6	04	- 0.9	05	0.5	05	1.3	04	1.3	03	1.1
1928	05	- 0.6	05	0.1	05	0.5	03	- 0.7	02	- 0.7	01	- 0.9
1929	05	- 0.6	04	- 0.9	05	0.5	04	0.3	02	- 0.7	01	- 0.9
1930	05	- 0.6	05	0.1	05	0.5	03	- 0.7	03	0.3	03	1.1
1931	06	0.4	05	0.1	05	0.5	05	1.3	03	0.3	01	- 0.9
1932	05	- 0.6	06	1.1	05	0.5	04	0.3	03	0.3	03	1.1
1933	06	0.4	05	0.1	05	0.5	04	0.3	04	1.3	01	- 0.9
1934	05	- 0.6	05	0.1	06	1.5	03	- 0.7	03	0.3	03	1.1
1935	07	1.4	06	1.1	04	- 0.5	02	- 1.7	02	- 0.7	02	0.1
1936	06	0.4	05	0.1	04	- 0.5	05	1.3	02	- 0.7	02	0.1
1937	05	- 0.6	05	0.1	05	0.5	04	0.3	04	1.3	01	- 0.9
1938	05	- 0.6	05	0.1	04	- 0.5	05	1.3	02	- 0.7	04	2.1
1939		•		•		•		•		•		•
1940		•		•		•	03	- 0.7	03	0.3	00	- 1.9
1941	06	0.4	04	- 0.9	04	- 0.5	05	1.3	00	- 2.7	01	- 0.9
1942	07	1.4	07	2.1	04	- 0.5	03	- 0.7	04	1.3	03	1.1
1943	07	1.4	06	1.1	06	1.5	05	1.3	00	- 2.7	02	0.1
1944	07	1.4	04	- 0.9	05	0.5	02	- 1.7	04	1.3	-02	- 3.9
1945	04	- 1.6	04	- 0.9	04	- 0.5	03	- 0.7	04	1.3	00	- 1.9
1946	06	0.4	05	0.1	04	- 0.5	03	- 0.7	03	0.3	01	- 0.9
1947	06	0.4	04	- 0.9	03	- 1.5	03	- 0.7	02	- 0.7	02	0.1
1948	05	- 0.6	04	- 0.9	04	- 0.5	03	- 0.7	03	0.3	04	2.1
1949	05	- 0.6	05	0.1	05	0.5	04	0.3	03	0.3	04	2.1
1950	05	- 0.6	04	- 0.9	04	- 0.5	04	0.3	01	- 1.7	00	- 1.9
1951	06	0.4	05	0.1	03	- 1.5	04	0.3	03	0.3	04	2.1
1952	04	- 1.6	05	0.1	04	- 0.5	03	- 0.7	03	0.3	02	0.1
1953	05	- 0.6	05	0.1	04	- 0.5	03	- 0.7	03	0.3	03	1.1
1954	05	- 0.6	04	- 0.9	05	0.5	04	0.3	02	- 0.7	00	- 1.9
1955	07	1.4	06	1.1	06	1.5	05	1.3	04	1.3	02	0.1
1956	06	0.4	05	0.1	03	- 1.5	04	0.3	02	- 0.7	01	- 0.9
1957	05	- 0.6	05	0.1	04	- 0.5	03	- 0.7	03	0.3	01	- 0.9
MEAN 1926-57		5.6		4.9		4.5		3.7		2.7		1.9
RMS		0.89		0.76		0.86		0.90		1.08		1.54
MEAN 1926-35		5.6		5.0		5.1		3.7		2.8		2.3
MEAN 1936-45		5.9		5.0		4.5		3.9		2.6		1.2
MEAN 1946-55		5.4		4.7		4.2		3.6		2.7		2.2

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 11	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	08	1.9	04	- 1.0	06	0.3	04	- 1.6	08	2.1	06	- 0.3
1927	08	1.9	04	- 1.0	08	2.3	06	0.4	06	0.1	06	- 0.3
1928	06	- 0.1	04	- 1.0	04	- 1.7	08	2.4	06	0.1	02	- 4.3
1929	08	1.9	08	3.0	08	2.3	06	0.4	06	0.1	08	1.7
1930	04	- 2.1	04	- 1.0	02	- 3.7	06	0.4	06	0.1	04	- 2.3
1931	06	- 0.1	04	- 1.0	06	0.3	04	- 1.6	04	- 1.9	06	- 0.3
1932	08	1.9	04	- 1.0	06	0.3	06	0.4	04	- 1.9	06	- 0.3
1933	08	1.9	10	5.0	06	0.3	06	0.4	08	2.1	06	- 0.3
1934	08	1.9	02	- 3.0	04	- 1.7	06	0.4	06	0.1	06	- 0.3
1935	06	- 0.1	06	1.0	04	- 1.7	04	- 1.6	08	2.1	06	- 0.3
1936	06	- 0.1	02	- 3.0	06	0.3	04	- 1.6	06	0.1	04	- 2.3
1937	08	1.9	04	- 1.0	06	0.3	08	2.4	06	0.1	06	- 0.3
1938	06	- 0.1	04	- 1.0	06	0.3	06	0.4	10	4.1	08	1.7
1939	04	- 2.1	10	5.0	08	2.3	06	0.4	06	0.1	06	- 0.3
1940		.		.		.		.		.		.
1941	04	- 2.1	-04	- 9.0	04	- 1.7	04	- 1.6	04	- 1.9	06	- 0.3
1942	04	- 2.1	04	- 1.0	02	- 3.7		.	04	- 1.9	-	.
1943	02	- 4.1	04	- 1.0	02	- 3.7	00	- 5.6	04	- 1.9	06	- 0.3
1944	06	- 0.1	06	1.0	08	2.3	06	0.4	08	2.1	08	1.7
1945	06	- 0.1	08	3.0	08	2.3	10	4.4	06	0.1	06	- 0.3
1946	06	- 0.1	06	1.0	06	0.3	06	0.4	06	0.1	08	1.7
1947	08	1.9	06	1.0	06	0.3	08	2.4	04	- 1.9	06	- 0.3
1948	08	1.9	06	1.0	08	2.3	06	0.4	04	- 1.9	06	- 0.3
1949	06	- 0.1	08	3.0	04	- 1.7	04	- 1.6	04	- 1.9	08	1.7
1950	06	- 0.1	06	1.0	06	0.3	06	0.4	06	0.1	06	- 0.3
1951	08	1.9	04	- 1.0	06	0.3	04	- 1.6	06	0.1	06	- 0.3
1952	04	- 2.1	04	- 1.0	06	0.3	04	- 1.6	06	0.1	08	1.7
1953	04	- 2.1	08	3.0	04	- 1.7	06	0.4	08	2.1	06	- 0.3
1954	06	- 0.1	06	1.0	06	0.3	04	- 1.6	04	- 1.9	06	- 0.3
1955	06	- 0.1	06	1.0	06	0.3	08	2.4	08	2.1	08	1.7
1956	06	- 0.1	04	- 1.0	08	2.3	06	0.4	06	0.1	08	1.7
1957	04	- 2.1	04	- 1.0	06	0.3	06	0.4	04	- 1.9	06	- 0.3
MEAN 1926-57		6.1		5.0		5.7		5.6		5.9		6.3
RMS		1.67		2.63		1.80		1.85		1.63		1.36
MEAN 1926-35		7.0		5.0		5.4		5.6		6.2		5.6
MEAN 1936-45		5.1		4.2		5.6		5.5		6.0		6.3
MEAN 1946-55		6.2		6.0		5.8		5.6		5.6		6.8

LOC 11	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	06	- 0.3	06	0.1	06	0.5	06	0.8	06	- 0.3	06	0.5
1927	06	- 0.3	06	0.1	04	- 1.5	06	0.8	06	- 0.3	04	- 1.5
1928	06	- 0.3	06	0.1	06	0.5	06	0.8	06	- 0.3	08	2.5
1929	06	- 0.3	06	0.1	04	- 1.5	06	0.8	06	- 0.3	04	- 1.5
1930	08	1.7	08	2.1	06	0.5	04	- 1.2	06	- 0.3	06	0.5
1931	04	- 2.3	06	0.1	06	0.5	08	2.8	06	- 0.3	04	- 1.5
1932	06	- 0.3	04	- 1.9	06	0.5	06	0.8	06	- 0.3	08	2.5
1933	08	1.7	04	- 1.9	06	0.5	06	0.8	04	- 2.3	08	2.5
1934	06	- 0.3	06	0.1	10	4.5	04	- 1.2	06	- 0.3	04	- 1.5
1935	06	- 0.3	04	- 1.9	06	0.5	04	- 1.2	06	- 0.3	06	0.5
1936	06	- 0.3	04	- 1.9	04	- 1.5	06	0.8	06	- 0.3	06	0.5
1937	06	- 0.3	06	0.1	06	0.5	06	0.8	06	- 0.3	04	- 1.5
1938	06	- 0.3	06	0.1	06	0.5	06	0.8	08	1.7	06	0.5
1939		•		•		•		•		•		•
1940		•		•		•	04	- 1.2	04	- 2.3	02	- 3.5
1941	06	- 0.3	02	- 3.9	04	- 1.5	04	- 1.2	06	- 0.3	04	- 1.5
1942	04	- 2.3	06	0.1	06	0.5	00	- 5.2	06	- 0.3	04	- 1.5
1943	06	- 0.3	06	0.1	04	- 1.5	06	0.8	06	- 0.3	06	0.5
1944	06	- 0.3	06	0.1	06	0.5	04	- 1.2	06	- 0.3	02	- 3.5
1945	04	- 2.3	04	- 1.9	06	0.5	04	- 1.2	08	1.7	04	- 1.5
1946	08	1.7	08	2.1	04	- 1.5	06	0.8	06	- 0.3	06	0.5
1947	10	3.7	06	0.1	06	0.5	04	- 1.2	08	1.7	08	2.5
1948	06	- 0.3	08	2.1	04	- 1.5	04	- 1.2	10	3.7	08	2.5
1949	06	- 0.3	06	0.1	04	- 1.5	06	0.8	06	- 0.3	06	0.5
1950	04	- 2.3	06	0.1	06	0.5	04	- 1.2	04	- 2.3	04	- 1.5
1951	08	1.7	06	0.1	04	- 1.5	06	0.8	06	- 0.3	06	0.5
1952	06	- 0.3	06	0.1	04	- 1.5	04	- 1.2	06	- 0.3	06	0.5
1953	06	- 0.3	06	0.1	04	- 1.5	06	0.8	06	- 0.3	08	2.5
1954	06	- 0.3	08	2.1	08	2.5	06	0.8	06	- 0.3	06	0.5
1955	06	- 0.3	06	0.1	06	0.5	06	0.8	06	- 0.3	06	0.5
1956	10	3.7	08	2.1	06	0.5	06	0.8	08	1.7	08	2.5
1957	06	- 0.3	08	2.1	06	0.5	06	0.8	08	1.7	04	- 1.5
MEAN 1926-57		6.3		5.9		5.5		5.2		6.3		5.5
RMS		1.46		1.44		1.38		1.44		1.24		1.77
MEAN 1926-35		6.2		5.6		6.0		5.6		5.8		5.8
MEAN 1936-45		5.5		5.0		5.3		4.4		6.2		4.2
MEAN 1946-55		6.6		6.6		5.0		5.2		6.4		6.4

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 12	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	10	1.9	08	0.4	10	2.5	06	- 2.0	12	4.1	08	- 0.3
1927	12	3.9	10	2.4	10	2.5	10	2.0	08	0.1	10	1.7
1928	10	1.9	10	2.4	10	2.5	10	2.0	10	2.1	08	- 0.3
1929	08	- 0.1	10	2.4	10	2.5	10	2.0	10	2.1	04	- 4.3
1930	06	- 2.1	08	0.4	06	- 1.5	06	- 2.0	08	0.1	08	- 0.3
1931	10	1.9	10	2.4	08	0.5	04	- 4.0	06	- 1.9	10	1.7
1932	14	5.9	06	- 1.6	08	0.5	10	2.0	08	0.1	08	- 0.3
1933	12	3.9	10	2.4	10	2.5	10	2.0	08	0.1	10	1.7
1934	12	3.9	06	- 1.6	04	- 3.5	06	- 2.0	08	0.1	08	- 0.3
1935	06	- 2.1	08	0.4	08	0.5	06	- 2.0	08	0.1	10	1.7
1936	06	- 2.1	00	- 7.6	08	0.5	06	- 2.0	08	0.1	04	- 4.3
1937	12	3.9	04	- 3.6	06	- 1.5	10	2.0	08	0.1	06	- 2.3
1938	10	1.9	06	- 1.6	10	2.5	10	2.0	08	0.1	10	1.7
1939	10	1.9	12	4.4	10	2.5	08	0.0	08	0.1	10	1.7
1940		.		.		.		.		.		.
1941	08	- 0.1		.	04	- 3.5	10	2.0	06	- 1.9	10	1.7
1942	04	- 4.1	06	- 1.6	02	- 5.5		.		.		.
1943	12	3.9	10	2.4	06	- 1.5	04	- 4.0	08	0.1	06	- 2.3
1944	08	- 0.1	10	2.4	06	- 1.5	10	2.0	06	- 1.9	10	1.7
1945	04	- 4.1	08	0.4	10	2.5	10	2.0	06	- 1.9	10	1.7
1946	08	- 0.1	08	0.4	06	- 1.5	12	4.0	06	- 1.9	08	- 0.3
1947	06	- 2.1	06	- 1.6	08	0.5	10	2.0	06	- 1.9	08	- 0.3
1948	06	- 2.1	08	0.4	10	2.5	06	- 2.0	08	0.1	06	- 2.3
1949	06	- 2.1	06	- 1.6	06	- 1.5	04	- 4.0	08	0.1	08	- 0.3
1950	04	- 4.1	08	0.4	10	2.5	06	- 2.0	10	2.1	10	1.7
1951	08	- 0.1	06	- 1.6	08	0.5	08	0.0	08	0.1	08	- 0.3
1952	10	1.9	08	0.4	06	- 1.5	08	0.0	06	- 1.9	10	1.7
1953	04	- 4.1	12	4.4	04	- 3.5	08	0.0	10	2.1	08	- 0.3
1954	06	- 2.1	04	- 3.6	06	- 1.5	06	- 2.0	06	- 1.9	08	- 0.3
1955	10	1.9	08	0.4	08	0.5	08	0.0	08	0.1	06	- 2.3
1956	02	- 6.1	08	0.4	06	- 1.5	08	0.0	08	0.1	10	1.7
1957	06	- 2.1	04	- 3.6	10	2.5	10	2.0	08	0.1	08	- 0.3
MEAN 1926-57		8.1		7.6		7.5		8.0		7.9		8.3
RMS		3.03		2.60		2.29		2.23		1.48		1.80
MEAN 1926-35		10.0		8.6		8.4		7.8		8.6		8.4
MEAN 1936-45		8.2		7.0		6.9		8.5		7.3		8.3
MEAN 1946-55		6.8		7.4		7.2		7.6		7.6		8.0

LOC 12	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	08	- 0.3	10	1.9	08	1.7	08	1.7	06	- 1.3	12	4.6
1927	08	- 0.3	10	1.9	08	1.7	10	3.7	10	2.7	12	4.6
1928	10	1.7	08	- 0.1	08	1.7	08	1.7	08	0.7	10	2.6
1929	08	- 0.3	08	- 0.1	08	1.7	06	- 0.3	06	- 1.3	06	- 1.4
1930	10	1.7	10	1.9	08	1.7	06	- 0.3	06	- 1.3	08	0.6
1931	06	- 2.3	10	1.9	06	- 0.3	08	1.7	08	0.7	08	0.6
1932	08	- 0.3	08	- 0.1	06	- 0.3	08	1.7	08	0.7	10	2.6
1933	10	1.7	04	- 4.1	08	1.7	06	- 0.3	10	2.7	08	0.6
1934	10	1.7	08	- 0.1	04	- 2.3	06	- 0.3	08	0.7	10	2.6
1935	10	1.7	08	- 0.1	06	- 0.3	04	- 2.3	06	- 1.3	08	0.6
1936	08	- 0.3	08	- 0.1	06	- 0.3	06	- 0.3	06	- 1.3	08	0.6
1937	06	- 0.3	10	1.9	08	1.7	06	- 0.3	06	- 1.3	06	- 1.4
1938	10	1.7	10	1.9	08	1.7	08	1.7	08	0.7	10	2.6
1939		•		•		•		•		•		•
1940		•		•		•	04	- 2.3	02	- 5.3	00	- 7.4
1941	08	- 0.3	06	- 2.1	06	- 0.3	06	- 0.3	04	- 3.3	02	- 5.4
1942	08	- 0.3	10	1.9	06	- 0.3	04	- 2.3	10	2.7	06	- 1.4
1943	08	- 0.3	10	1.9	08	1.7	08	1.7	06	- 1.3	06	- 1.4
1944	08	- 0.3	08	- 0.1	06	- 0.3	02	- 4.3	08	0.7	04	- 3.4
1945	06	- 2.3	06	- 2.1	06	- 0.3	06	- 0.3	08	0.7	04	- 3.4
1946	10	1.7	06	- 2.1	04	- 2.3	06	- 0.3	06	- 1.3	04	- 3.4
1947	10	1.7	08	- 0.1	06	- 0.3	06	- 0.3	10	2.7	06	- 1.4
1948	06	- 2.3	08	- 0.1	06	- 0.3	06	- 0.3	08	0.7	10	2.6
1949	08	- 0.3	10	1.9	06	- 0.3	08	1.7	06	- 1.3	10	2.6
1950	08	- 0.3	06	- 2.1	06	- 0.3	06	- 0.3	06	- 1.3	06	- 1.4
1951	10	1.7	06	- 2.1	04	- 2.3	08	1.7	10	2.7	08	0.6
1952	06	- 2.3	08	- 0.1	06	- 0.3	06	- 0.3	08	0.7	10	2.6
1953	06	- 2.3	06	- 2.1	04	- 2.3	06	- 0.3	06	- 1.3	10	2.6
1954	08	- 0.3	08	- 0.1	06	- 0.3	04	- 2.3	06	- 1.3	06	- 1.4
1955	10	1.7	08	- 0.1	08	1.7	08	1.7	08	0.7	06	- 1.4
1956	10	1.7	10	1.9	06	- 0.3	08	1.7	08	0.7	08	0.6
1957	06	- 2.3	06	- 2.1	04	- 2.3	04	- 2.3	10	2.7	06	- 1.4
MEAN 1926-57		8.3		8.1		6.3		6.3		7.3		7.4
RMS		1.49		1.70		1.40		1.72		1.90		2.80
MEAN 1926-35		8.8		8.4		7.0		7.0		7.6		9.2
MEAN 1936-45		8.0		8.5		6.8		5.6		6.4		5.1
MEAN 1946-55		8.2		7.4		5.6		6.4		7.4		7.6

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 13	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	06	0.2	08	2.1	08	0.6	06	- 2.3	10	1.9	08	- 0.3
1927	10	4.2	06	0.1	10	2.6	10	1.7	10	1.9	10	1.7
1928	08	2.2	10	4.1	04	- 3.4	10	1.7	10	1.9	08	- 0.3
1929	06	0.2	06	0.1	10	2.6	08	- 0.3	10	1.9	06	- 2.3
1930	02	- 3.8	04	- 1.9	06	- 1.4	10	1.7	08	- 0.1	10	1.7
1931	10	4.2	10	4.1	06	- 1.4	06	- 2.3	06	- 2.1	08	- 0.3
1932	08	2.2	04	- 1.9	06	- 1.4	10	1.7	10	1.9	08	- 0.3
1933	10	4.2	06	0.1	08	0.6	08	- 0.3	08	- 0.1	10	1.7
1934	08	2.2	06	0.1	04	- 3.4	06	- 2.3	08	- 0.1	08	- 0.3
1935	04	- 1.8	08	2.1	06	- 1.4	10	1.7	08	- 0.1	08	- 0.3
1936	06	0.2	02	- 3.9	08	0.6	06	- 2.3	10	1.9	06	- 2.3
1937	08	2.2	04	- 1.9	10	2.6	10	1.7	06	- 2.1	06	- 2.3
1938	06	0.2	06	0.1	08	0.6	10	1.7	06	- 2.1	10	1.7
1939	08	2.2	10	4.1	08	0.6	08	- 0.3	10	1.9	10	1.7
1940		.		.		.		.		.		.
1941	06	0.2		.	10	2.6	08	- 0.3	08	- 0.1	08	- 0.3
1942	04	- 1.8	04	- 1.9	02	- 5.4		.		.		.
1943	00	- 5.8	06	0.1	04	- 3.4	02	- 6.3	06	- 2.1	06	- 2.3
1944	06	0.2	08	2.1	02	- 5.4	10	1.7	06	- 2.1	08	- 0.3
1945	04	- 1.8	04	- 1.9	08	0.6	08	- 0.3	04	- 4.1	10	1.7
1946	06	0.2	06	0.1	06	- 1.4	12	3.7	04	- 4.1	08	- 0.3
1947	04	- 1.8	02	- 3.9	10	2.6	10	1.7	08	- 0.1	08	- 0.3
1948	04	- 1.8	06	0.1	10	2.6	06	- 2.3	10	1.9	04	- 4.3
1949	04	- 1.8	06	0.1	08	0.6	06	- 2.3	06	- 2.1	08	- 0.3
1950	00	- 5.8	06	0.1	12	4.6	06	- 2.3	10	1.9	10	1.7
1951	08	2.2	06	0.1	04	- 3.4	10	1.7	10	1.9	06	- 2.3
1952	08	2.2	08	2.1	14	6.6	08	- 0.3	08	- 0.1	10	1.7
1953	04	- 1.8	06	0.1	08	0.6	08	- 0.3	08	- 0.1	12	3.7
1954	04	- 1.8	02	- 3.9	06	- 1.4	08	- 0.3	08	- 0.1	08	- 0.3
1955	10	4.2	06	0.1	06	- 1.4	08	- 0.3	10	1.9	08	- 0.3
1956	02	- 3.8	08	2.1	10	2.6	10	1.7	10	1.9	10	1.7
1957	06	0.2	04	- 1.9	08	0.6	10	1.7	06	- 2.1	08	- 0.3
MEAN 1926-57		5.8		5.9		7.4		8.3		8.1		8.3
RMS		2.75		2.20		2.79		2.08		1.93		1.72
MEAN 1926-35		7.2		6.8		6.8		8.4		8.8		8.4
MEAN 1936-45		5.3		5.5		6.7		7.8		7.0		8.0
MEAN 1946-55		5.2		5.4		8.4		8.2		8.2		8.2

LOC 13	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	10	1.4	10	1.7	10	3.6	08	1.7	06	- 0.3	08	1.7
1927	08	- 0.6	10	1.7	08	1.6	10	3.7	08	1.7	08	1.7
1928	10	1.4	10	1.7	08	1.6	10	3.7	10	3.7	10	3.7
1929	10	1.4	08	- 0.3	08	1.6	08	1.7	04	- 2.3	06	- 0.3
1930	08	- 0.6	10	1.7	06	- 0.4	08	1.7	06	- 0.3	08	1.7
1931	08	- 0.6	10	1.7	06	- 0.4	06	- 0.3	08	1.7	08	1.7
1932	10	1.4	10	1.7	06	- 0.4	06	- 0.3	04	- 2.3	08	1.7
1933	10	1.4	06	- 2.3	06	- 0.4	06	- 0.3	08	1.7	04	- 2.3
1934	10	1.4	08	- 0.3	06	- 0.4	06	- 0.3	08	1.7	04	- 2.3
1935	08	- 0.6	08	- 0.3	08	1.6	06	- 0.3	06	- 0.3	06	- 0.3
1936	08	- 0.6	08	- 0.3	08	1.6	08	1.7	06	- 0.3	10	3.7
1937	08	- 0.6	10	1.7	06	- 0.4	04	- 2.3	06	- 0.3	06	- 0.3
1938	08	- 0.6	08	- 0.3	06	- 0.4	06	- 0.3	08	1.7	06	- 0.3
1939		•		•		•		•		•		•
1940		•		•		•	04	- 2.3	02	- 4.3	00	- 6.3
1941	08	- 0.6	06	- 2.3	06	- 0.4	04	- 2.3	04	- 2.3	04	- 2.3
1942	08	- 0.6	06	- 2.3	06	- 0.4	04	- 2.3	06	- 0.3	04	- 2.3
1943	08	- 0.6	06	- 2.3	04	- 2.4	06	- 0.3	06	- 0.3	08	1.7
1944	10	1.4	10	1.7	06	- 0.4	06	- 0.3	08	1.7	06	- 0.3
1945	06	- 2.6	10	1.7	08	1.6	06	- 0.3	06	- 0.3	06	- 0.3
1946	08	- 0.6	08	- 0.3	04	- 2.4	04	- 2.3	06	- 0.3	06	- 0.3
1947	08	- 0.6	08	- 0.3	06	- 0.4	06	- 0.3	06	- 0.3	06	- 0.3
1948	08	- 0.6	08	- 0.3	06	- 0.4	06	- 0.3	06	- 0.3	12	5.7
1949	08	- 0.6	10	1.7	06	- 0.4	08	1.7	06	- 0.3	06	- 0.3
1950	08	- 0.6	06	- 2.3	04	- 2.4	08	1.7	04	- 2.3	06	- 0.3
1951	08	- 0.6	08	- 0.3	06	- 0.4	06	- 0.3	10	3.7	06	- 0.3
1952	08	- 0.6	08	- 0.3	06	- 0.4	06	- 0.3	08	1.7	08	1.7
1953	10	1.4	08	- 0.3	06	- 0.4	04	- 2.3	08	1.7	06	- 0.3
1954	10	1.4	10	1.7	08	1.6	06	- 0.3	04	- 2.3	06	- 0.3
1955	10	1.4	08	- 0.3	06	- 0.4	06	- 0.3	04	- 2.3	02	- 4.3
1956	08	- 0.6	08	- 0.3	06	- 0.4	08	1.7	06	- 0.3	06	- 0.3
1957	08	- 0.6	06	- 2.3	06	- 0.4	04	- 2.3	06	- 0.3	06	- 0.3
MEAN 1926-57		8.6		8.3		6.4		6.3		6.3		6.3
RMS		1.07		1.49		1.33		1.69		1.84		2.32
MEAN 1926-35		9.2		9.0		7.2		7.4		6.8		7.0
MEAN 1936-45		8.0		8.0		6.3		5.3		5.8		5.6
MEAN 1946-55		8.6		8.2		5.8		6.0		6.2		6.4

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 14	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	06	0.9	06	0.7	08	1.1	10	1.6	06	- 1.5	08	1.1
1927	06	0.9	04	- 1.3	10	3.1	10	1.6	08	0.5	10	3.1
1928	08	2.9	08	2.7	02	- 4.9	08	- 0.4	10	2.5	06	- 0.9
1929	06	0.9	06	0.7	08	1.1	08	- 0.4	08	0.5	08	1.1
1930	04	- 1.1	04	- 1.3	04	- 2.9	10	1.6	08	0.5	10	3.1
1931	08	2.9	10	4.7	04	- 2.9	08	- 0.4	08	0.5	06	- 0.9
1932	06	0.9	02	- 3.3	06	- 0.9	08	- 0.4	10	2.5	06	- 0.9
1933	10	4.9	06	0.7	06	- 0.9	06	- 2.4	06	- 1.5	08	1.1
1934	06	0.9	04	- 1.3	06	- 0.9	10	1.6	08	0.5	08	1.1
1935	06	0.9	08	2.7	04	- 2.9	10	1.6	08	0.5	06	- 0.9
1936	06	0.9	02	- 3.3	06	- 0.9	08	- 0.4	12	4.5	06	- 0.9
1937	04	- 1.1	04	- 1.3	08	1.1	06	- 2.4	08	0.5	06	- 0.9
1938	06	0.9	04	- 1.3	08	1.1	10	1.6	06	- 1.5	10	3.1
1939	08	2.9	04	- 1.3	06	- 0.9	10	1.6	06	- 1.5	08	1.1
1940	.	.	.	.	.	.	.	.	.	.	.	.
1941	06	0.9	.	.	10	3.1	10	1.6	08	0.5	04	- 2.9
1942	.	.	04	- 1.3	.	.	.	.	.	.	.	.
1943	02	- 3.1	08	2.7	06	- 0.9	04	- 4.4	04	- 3.5	06	- 0.9
1944	04	- 1.1	08	2.7	02	- 4.9	10	1.6	04	- 3.5	06	- 0.9
1945	02	- 3.1	00	- 5.3	08	1.1	08	- 0.4	04	- 3.5	04	- 2.9
1946	06	0.9	04	- 1.3	06	- 0.9	10	1.6	04	- 3.5	08	1.1
1947	06	0.9	04	- 1.3	06	- 0.9	10	1.6	10	2.5	06	- 0.9
1948	04	- 1.1	04	- 1.3	08	1.1	06	- 2.4	06	- 1.5	04	- 2.9
1949	04	- 1.1	06	0.7	08	1.1	04	- 4.4	06	- 1.5	04	- 2.9
1950	02	- 3.1	04	- 1.3	08	1.1	04	- 4.4	08	0.5	06	- 0.9
1951	04	- 1.1	06	0.7	04	- 2.9	10	1.6	06	- 1.5	06	- 0.9
1952	00	- 5.1	06	0.7	08	1.1	10	1.6	10	2.5	08	1.1
1953	04	- 1.1	06	0.7	10	3.1	08	- 0.4	08	0.5	06	- 0.9
1954	04	- 1.1	06	0.7	10	3.1	06	- 2.4	10	2.5	10	3.1
1955	08	2.9	08	2.7	08	1.1	08	- 0.4	10	2.5	08	1.1
1956	02	- 3.1	08	2.7	10	3.1	12	3.6	10	2.5	08	1.1
1957	04	- 1.1	04	- 1.3	08	1.1	10	1.6	06	- 1.5	06	- 0.9
MEAN 1926-57		5.1		5.3		6.9		8.4		7.5		6.9
RMS		2.21		2.20		2.27		2.13		2.15		1.80
MEAN 1926-35		6.6		5.8		5.8		8.8		8.0		7.6
MEAN 1936-45		4.8		4.3		6.8		8.3		6.5		6.3
MEAN 1946-55		4.2		5.4		7.6		7.6		7.8		6.6

LOC 14	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	10	2.1	10	3.3	08	2.3	08	2.1	08	1.9	08	1.5
1927	08	0.1	10	3.3	06	0.3	08	2.1	06	- 0.1	08	1.5
1928	08	0.1	10	3.3	08	2.3	08	2.1	10	3.9	10	3.5
1929	10	2.1	06	- 0.7	08	2.3	06	0.1	06	- 0.1	08	1.5
1930	08	0.1	06	- 0.7	06	0.3	06	0.1	08	1.9	10	3.5
1931	06	- 1.9	06	- 0.7	04	- 1.7	06	0.1	08	1.9	10	3.5
1932	10	2.1	08	1.3	06	0.3	04	- 1.9	06	- 0.1	08	1.5
1933	08	0.1	06	- 0.7	06	0.3	04	- 1.9	04	- 2.1	04	- 2.5
1934	08	0.1	04	- 2.7	06	0.3	06	0.1	06	- 0.1	04	- 2.5
1935	10	2.1	04	- 2.7	06	0.3	06	0.1	04	- 2.1	06	- 0.5
1936	08	0.1	06	- 0.7	08	2.3	06	0.1	06	- 0.1	08	1.5
1937	08	0.1	08	1.3	04	- 1.7	06	0.1	06	- 0.1	06	- 0.5
1938	08	0.1	08	1.3	08	2.3	08	2.1	06	- 0.1	10	3.5
1939		.		.		.		.		.		.
1940		.		.		.		.	02	- 4.1		.
1941	06	- 1.9	06	- 0.7	06	0.3	06	0.1	04	- 2.1		.
1942	08	0.1	06	- 0.7	04	- 1.7	04	- 1.9	04	- 2.1	04	- 2.5
1943	06	- 1.9	04	- 2.7	04	- 1.7	06	0.1	08	1.9	04	- 2.5
1944	08	0.1	08	1.3	04	- 1.7	06	0.1	04	- 2.1	04	- 2.5
1945	06	- 1.9	04	- 2.7	04	- 1.7	04	- 1.9	04	- 2.1	04	- 2.5
1946	06	- 1.9	04	- 2.7	04	- 1.7	04	- 1.9	04	- 2.1	06	- 0.5
1947	08	0.1	06	- 0.7	04	- 1.7	04	- 1.9	04	- 2.1	06	- 0.5
1948	06	- 1.9	06	- 0.7	04	- 1.7	06	0.1	06	- 0.1	08	1.5
1949	10	2.1	08	1.3	06	0.3	06	0.1	10	3.9	04	- 2.5
1950	06	- 1.9	06	- 0.7	06	0.3	08	2.1	06	- 0.1	06	- 0.5
1951	06	- 1.9	08	1.3	04	- 1.7	04	- 1.9	08	1.9	06	- 0.5
1952	06	- 1.9	06	- 0.7	06	0.3	06	0.1	08	1.9	08	1.5
1953	10	2.1	08	1.3	06	0.3	06	0.1	08	1.9	04	- 2.5
1954	10	2.1	08	1.3	06	0.3	08	2.1	06	- 0.1	10	3.5
1955	08	0.1	08	1.3	06	0.3	06	0.1	06	- 0.1	02	- 4.5
1956	10	2.1	08	1.3	06	0.3	06	0.1	06	- 0.1	04	- 2.5
1957	06	- 1.9	06	- 0.7	06	0.3	04	- 1.9	06	- 0.1	08	1.5
MEAN 1926-57		7.9		6.7		5.7		5.9		6.1		6.5
RMS		1.57		1.78		1.40		1.38		1.90		2.37
MEAN 1926-35		8.6		7.0		6.4		6.2		6.6		7.6
MEAN 1936-45		7.3		6.3		5.3		5.8		4.9		5.7
MEAN 1946-55		7.6		6.8		5.2		5.8		6.6		6.0

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 15	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	06	1.1	06	0.6	06	- 0.5	10	1.9	04	- 2.8	10	4.4
1927	06	1.1	06	0.6	10	3.5	08	- 0.1	08	1.2	08	2.4
1928	08	3.1	08	2.6	00	- 6.5	08	- 0.1	10	3.2	06	0.4
1929	02	- 2.9	04	- 1.4	10	3.5	08	- 0.1	08	1.2	08	2.4
1930	04	- 0.9	02	- 3.4	06	- 0.5	10	1.9	08	1.2	08	2.4
1931	06	1.1	06	0.6	04	- 2.5	10	1.9	06	- 0.8	04	- 1.6
1932	04	- 0.9	04	- 1.4	06	- 0.5	06	- 2.1	10	3.2	06	0.4
1933	08	3.1	06	0.6	06	- 0.5	06	- 2.1	04	- 2.8	06	0.4
1934	04	- 0.9	02	- 3.4	06	- 0.5	10	1.9	04	- 2.8	06	0.4
1935	08	3.1	06	0.6	06	- 0.5	06	- 2.1	06	- 0.8	04	- 1.6
1936	06	1.1	02	- 3.4	06	- 0.5	08	- 0.1	10	3.2	04	- 1.6
1937	08	3.1	10	4.6	08	1.5	06	- 2.1	06	- 0.8	06	0.4
1938	06	1.1	04	- 1.4	12	5.5	10	1.9	06	- 0.8	08	2.4
1939	04	- 0.9	04	- 1.4	04	- 2.5	06	- 2.1	04	- 2.8	06	0.4
1940		.		.		.		.		.		.
1941		.		.	08	1.5	10	1.9	06	- 0.8	04	- 1.6
1942		.		.		.		.		.		.
1943	02	- 2.9	08	2.6	04	- 2.5	04	- 4.1	04	- 2.8	04	- 1.6
1944	04	- 0.9	06	0.6	02	- 4.5	08	- 0.1	04	- 2.8	04	- 1.6
1945	-04	- 8.9	04	- 1.4	08	1.5	10	1.9	02	- 4.8	02	- 3.6
1946	08	3.1	04	- 1.4	04	- 2.5	08	- 0.1	04	- 2.8	04	- 1.6
1947	06	1.1	04	- 1.4	06	- 0.5	10	1.9	10	3.2	04	- 1.6
1948	04	- 0.9	04	- 1.4	06	- 0.5	04	- 4.1	04	- 2.8	04	- 1.6
1949	04	- 0.9	06	0.6	04	- 2.5	10	1.9	10	3.2	04	- 1.6
1950	04	- 0.9	06	0.6	06	- 0.5	04	- 4.1	06	- 0.8	04	- 1.6
1951	06	1.1	06	0.6	06	- 0.5	08	- 0.1	08	1.2	06	0.4
1952	06	1.1	06	0.6	06	- 0.5	10	1.9	10	3.2	06	0.4
1953	02	- 2.9	06	0.6	10	3.5	08	- 0.1	06	- 0.8	06	0.4
1954	04	- 0.9	08	2.6	08	1.5	08	- 0.1	08	1.2	08	2.4
1955	08	3.1	06	0.6	10	3.5	08	- 0.1	10	3.2	06	0.4
1956	02	- 2.9	06	0.6	10	3.5	12	3.9	12	5.2	08	2.4
1957	06	1.1	08	2.6	06	- 0.5	10	1.9	06	- 0.8	04	- 1.6
MEAN 1926-57		4.9		5.4		6.5		8.1		6.8		5.6
RMS		2.60		1.92		2.61		2.10		2.61		1.85
MEAN 1926-35		5.6		5.0		6.0		8.2		6.8		6.6
MEAN 1936-45		3.7		5.4		6.5		7.8		5.3		4.8
MEAN 1946-55		5.2		5.6		6.6		7.8		7.6		5.2

LOC 15	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	10	3.5	06	0.7	06	1.0	08	2.6	06	0.1	10	3.6
1927	06	- 0.5	06	0.7	06	1.0	06	0.6	06	0.1	06	- 0.4
1928	06	- 0.5	06	0.7	06	1.0	8	.	08	2.1	10	3.6
1929	08	1.5	06	0.7	06	1.0	04	- 1.4	08	2.1	08	1.6
1930	10	3.5	04	- 1.3	04	- 1.0	06	0.6	08	2.1	10	3.6
1931	06	- 0.5	06	0.7	02	- 3.0	06	0.6	06	0.1	10	3.6
1932	06	- 0.5	06	0.7	06	1.0	04	- 1.4	06	0.1	08	1.6
1933	08	1.5	06	0.7	04	- 1.0	04	- 1.4	04	- 1.9	04	- 2.4
1934	06	- 0.5	04	- 1.3	06	1.0	04	- 1.4	04	- 1.9	06	- 0.4
1935	08	1.5	04	- 1.3	04	- 1.0	06	0.6	04	- 1.9	06	- 0.4
1936	06	- 0.5	04	- 1.3	06	1.0	06	0.6	08	2.1	06	- 0.4
1937	06	- 0.5	06	0.7	06	1.0	06	0.6	06	0.1	06	- 0.4
1938	06	- 0.5	06	0.7	06	1.0	06	0.6	08	2.1	10	3.6
1939		.		.		.		.		.		.
1940		.		.		.		.	02	- 3.9		.
1941	04	- 2.5	04	- 1.3	04	- 1.0	06	0.6	04	- 1.9		.
1942	06	- 0.5	06	0.7	04	- 1.0	02	- 3.4	04	- 1.9	04	- 2.4
1943	06	- 0.5	06	0.7	04	- 1.0	06	0.6	10	4.1	02	- 4.4
1944	08	1.5	06	0.7	06	1.0	06	0.6	04	- 1.9	04	- 2.4
1945	04	- 2.5	02	- 3.3	04	- 1.0	06	0.6	04	- 1.9	02	- 4.4
1946	06	- 0.5	04	- 1.3	04	- 1.0	04	- 1.4	04	- 1.9	06	- 0.4
1947	06	- 0.5	04	- 1.3	04	- 1.0	04	- 1.4	04	- 1.9	06	- 0.4
1948	06	- 0.5	04	- 1.3	04	- 1.0	06	0.6	06	0.1	06	- 0.4
1949	04	- 2.5	08	2.7	06	1.0	04	- 1.4	08	2.1	04	- 2.4
1950	06	- 0.5	06	0.7	06	1.0	06	0.6	04	- 1.9	08	1.6
1951	06	- 0.5	06	0.7	06	1.0	04	- 1.4	06	0.1	06	- 0.4
1952	06	- 0.5	04	- 1.3	04	- 1.0	04	- 1.4	08	2.1	08	1.6
1953	06	- 0.5	06	0.7	04	- 1.0	06	0.6	06	0.1	06	- 0.4
1954	06	- 0.5	06	0.7	04	- 1.0	06	0.6	06	0.1	08	1.6
1955	08	1.5	06	0.7	08	3.0	08	2.6	08	2.1	02	- 4.4
1956	08	1.5	06	0.7	06	1.0	06	0.6	06	0.1	06	- 0.4
1957	08	1.5	06	0.7	04	- 1.0	06	0.6	08	2.1	08	1.6
MEAN 1926-57		6.5		5.3		5.0		5.4		5.9		6.4
RMS		1.48		1.21		1.26		1.32		1.90		2.41
MEAN 1926-35		7.4		5.4		5.0		5.3		6.0		7.8
MEAN 1936-45		5.8		5.0		5.0		5.5		5.6		4.9
MEAN 1946-55		6.0		5.4		5.0		5.2		6.0		6.0

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 16	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	06	0.8	06	0.9	04	- 1.7	06	- 1.0	04	- 1.4	06	1.0
1927	08	2.8	06	0.9	06	0.3	08	1.0	08	2.6	06	1.0
1928	08	2.8	08	2.9	02	- 3.7	06	- 1.0	06	0.6	04	- 1.0
1929	02	- 3.2	02	- 3.1	10	4.3	06	- 1.0	11	5.6	06	1.0
1930	08	2.8	02	- 3.1	08	2.3	06	- 1.0	06	0.6	06	1.0
1931	06	0.8	06	0.9	04	- 1.7	08	1.0	04	- 1.4	02	- 3.0
1932	04	- 1.2	04	- 1.1	06	0.3	06	- 1.0	08	2.6	06	1.0
1933	06	0.8	06	0.9	04	- 1.7	06	- 1.0	04	- 1.4	04	- 1.0
1934	06	0.8	02	- 3.1	04	- 1.7	06	- 1.0	02	- 3.4	06	1.0
1935	06	0.8	06	0.9	04	- 1.7	06	- 1.0	06	0.6	06	1.0
1936	04	- 1.2	02	- 3.1	06	0.3	10	3.0	06	0.6	02	- 3.0
1937	08	2.8	06	0.9	06	0.3	10	3.0	06	0.6	06	1.0
1938	06	0.8	04	- 1.1	08	2.3	06	- 1.0	02	- 3.4	04	- 1.0
1939	04	- 1.2	06	0.9	04	- 1.7	06	- 1.0	04	- 1.4	06	1.0
1940		.		.		.		.		.		.
1941		.		.		.		.	06	0.6	04	- 1.0
1942		.		.		.		.		.		.
1943	04	- 1.2	06	0.9	04	- 1.7	02	- 5.0	04	- 1.4	04	- 1.0
1944	00	- 5.2	06	0.9	04	- 1.7	08	1.0	04	- 1.4	06	1.0
1945	-04	- 9.2	00	- 5.1	06	0.3	06	- 1.0	00	- 5.4	00	- 5.0
1946	06	0.8	06	0.9	06	0.3	08	1.0	02	- 3.4	04	- 1.0
1947	04	- 1.2	04	- 1.1	06	0.3	08	1.0	04	- 1.4	06	1.0
1948	04	- 1.2	04	- 1.1	04	- 1.7	04	- 3.0	04	- 1.4	04	- 1.0
1949	04	- 1.2	06	0.9	04	- 1.7	08	1.0	08	2.6	04	- 1.0
1950	04	- 1.2	06	0.9	04	- 1.7	04	- 3.0	04	- 1.4	04	- 1.0
1951	06	0.8	04	- 1.1	08	2.3	10	3.0	06	0.6	06	1.0
1952	10	4.8	06	0.9	04	- 1.7	10	3.0	06	0.6	06	1.0
1953	06	0.8	06	0.9	08	2.3	06	- 1.0	04	- 1.4	06	1.0
1954	04	- 1.2	06	0.9	08	2.3	10	3.0	08	2.6	08	3.0
1955	08	2.8	08	2.9	08	2.3	08	1.0	08	2.6	06	1.0
1956	06	0.8	06	0.9	10	4.3	08	1.0	10	4.6	06	1.0
1957	06	0.8	08	2.9	06	0.3	08	1.0	08	2.6	06	1.0
MEAN 1926-57		5.2		5.1		5.7		7.0		5.4		5.0
RMS		2.70		1.97		2.05		1.97		2.49		1.64
MEAN 1926-35		6.0		4.8		5.2		6.4		5.9		5.2
MEAN 1936-45		3.1		4.3		5.4		6.9		4.0		4.0
MEAN 1946-55		5.6		5.6		6.0		7.6		5.4		5.4

LOC 16	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	10	4.8	06	1.7	06	1.9	06	1.2	06	- 0.2	10	3.8
1927	06	0.8	06	1.7	02	- 2.1	04	- 0.8	06	- 0.2	06	- 0.2
1928	04	- 1.2	04	- 0.3	04	- 0.1	08	3.2	06	- 0.2	06	- 0.2
1929	06	0.8	06	1.7	06	1.9	06	1.2	10	3.8	06	- 0.2
1930	08	2.8	02	- 2.3	02	- 2.1	04	- 0.8	08	1.8	06	- 0.2
1931	04	- 1.2	04	- 0.3	02	- 2.1	06	1.2	06	- 0.2	08	1.8
1932	04	- 1.2	04	- 0.3	04	- 0.1	04	- 0.8	06	- 0.2	08	1.8
1933	04	- 1.2	04	- 0.3	02	- 2.1	04	- 0.8	04	- 2.2	04	- 2.2
1934	06	0.8	04	- 0.3	04	- 0.1	04	- 0.8	06	- 0.2	04	- 2.2
1935	06	0.8	02	- 2.3	02	- 2.1	04	- 0.8	06	- 0.2	08	1.8
1936	04	- 1.2	04	- 0.3	04	- 0.1	06	1.2	08	1.8	10	3.8
1937	04	- 1.2	08	3.7	06	1.9	06	1.2	06	- 0.2	08	1.8
1938	02	- 3.2	06	1.7	02	- 2.1	04	- 0.8	06	- 0.2	08	1.8
1939		•		•		•		•		•		•
1940		•		•		•		•	02	- 4.2		•
1941	06	0.8	02	- 2.3	04	- 0.1	04	- 0.8	06	- 0.2		•
1942		•	06	1.7	02	- 2.1	02	- 2.8	04	- 2.2	04	- 2.2
1943	04	- 1.2	04	- 0.3	04	- 0.1	02	- 2.8	08	1.8	02	- 4.2
1944	04	- 1.2	04	- 0.3	06	1.9	08	3.2	08	1.8	06	- 0.2
1945	04	- 1.2	06	1.7	06	1.9	06	1.2	04	- 2.2	02	- 4.2
1946	04	- 1.2	02	- 2.3	00	- 4.1	04	- 0.8	04	- 2.2	06	- 0.2
1947	04	- 1.2	04	- 0.3	04	- 0.1	04	- 0.8	04	- 2.2	06	- 0.2
1948	10	4.8	04	- 0.3	06	1.9	06	1.2	06	- 0.2	06	- 0.2
1949	06	0.8	02	- 2.3	06	1.9	06	1.2	06	- 0.2	04	- 2.2
1950	04	- 1.2	02	- 2.3	08	3.9	04	- 0.8	04	- 2.2	06	- 0.2
1951	06	0.8	04	- 0.3	02	- 2.1	04	- 0.8	06	- 0.2	06	- 0.2
1952	04	- 1.2	04	- 0.3	06	1.9	08	- 1.8	10	3.8	08	1.8
1953	04	- 1.2	06	1.7	04	- 0.1	06	1.2	06	- 0.2	08	1.8
1954	06	0.8	06	1.7	04	- 0.1	04	- 0.8	06	- 0.2	04	- 2.2
1955	06	0.8	04	- 0.3	06	1.9	06	1.2	08	1.8	06	- 0.2
1956	06	0.8	06	1.7	06	1.9	04	- 0.8	08	1.8	06	- 0.2
1957	04	- 1.2	04	- 0.3	04	- 0.1	04	- 0.8	08	1.8	08	1.8
MEAN 1926-57		5.2		4.3		4.1		4.8		6.2		6.2
RMS		1.81		1.58		1.89		1.48		1.82		2.02
MEAN 1926-35		5.8		4.2		3.4		5.0		6.4		6.6
MEAN 1936-45		4.0		5.0		4.3		4.8		5.8		5.7
MEAN 1946-55		5.4		3.8		4.6		4.7		6.0		6.0

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 17	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	05	0.7	05	1.3	04	1.9	03	2.6	-02	- 1.4	-01	0.0
1927	04	- 0.3	04	0.3	00	- 2.1	-01	- 1.4	01	1.6	-01	0.0
1928	05	0.7	05	1.3	02	- 0.1	00	- 0.4	-01	- 0.4	-01	0.0
1929	04	- 0.3	06	2.3	03	0.9	02	1.6	-01	- 0.4	02	3.0
1930	03	- 1.3	04	0.3	01	- 1.1	-01	- 1.4	00	0.6	01	2.0
1931	04	- 0.3	01	- 2.7	01	- 1.1	02	1.6	00	0.6	-03	- 2.0
1932	03	- 1.3	04	0.3	05	2.9	02	1.6	02	2.6	-03	- 2.0
1933	05	0.7	04	0.3	03	0.9	-01	- 1.4	00	0.6	-03	- 2.0
1934	08	3.7	06	2.3	05	2.9	00	- 0.4	-01	- 0.4	00	1.0
1935	06	1.7	04	0.3	02	- 0.1	-01	- 1.4	01	1.6	-01	0.0
1936	07	2.7	04	0.3	04	1.9	00	- 0.4	-02	- 1.4	-01	0.0
1937	03	- 1.3	02	- 1.7	01	- 1.1	-02	- 2.4	01	1.6	-04	- 3.0
1938	05	0.7	07	3.3	01	- 1.1	01	0.6	-01	- 0.4	00	1.0
1939	05	0.7	05	1.3	02	- 0.1	-01	- 1.4	00	0.6	-01	0.0
1940		.		.		.		.		.		.
1941	04	- 0.3	00	- 3.7		.		.	-01	- 0.4	-01	0.0
1942		.		.		.		.		.		.
1943	04	- 0.3	03	- 0.7	03	0.9	01	0.6	00	0.6	-02	- 1.0
1944	02	- 2.3	04	0.3	00	- 2.1	02	1.6	-03	- 2.4	00	1.0
1945	03	- 1.3	03	- 0.7	01	- 1.1	02	1.6	01	1.6	-01	0.0
1946	05	0.7	02	- 1.7	01	- 1.1	02	1.6	00	0.6	01	2.0
1947	02	- 2.3	05	1.3	03	0.9	02	1.6	00	0.6	00	1.0
1948	05	0.7	03	- 0.7	00	- 2.1	-01	- 1.4	-01	- 0.4	-02	- 1.0
1949	07	2.7	05	1.3	03	0.9	02	1.6	00	0.6	-03	- 2.0
1950	04	- 0.3	03	- 0.7	03	0.9	00	- 0.4	-02	- 1.4	-02	- 1.0
1951	02	- 2.3	02	- 1.7	02	- 0.1	00	- 0.4	00	0.6	00	1.0
1952	04	- 0.3	02	- 1.7	02	- 0.1	00	- 0.4	-01	- 0.4	00	1.0
1953	04	- 0.3	04	0.3	02	- 0.1	00	- 0.4	-02	- 1.4	00	1.0
1954	02	- 2.3	03	- 0.7	01	- 1.1	-02	- 2.4	-02	- 1.4	-01	0.0
1955	05	0.7	04	0.3	00	- 2.1	-01	- 1.4	-01	- 0.4	-01	0.0
1956	05	0.7	05	1.3	02	- 0.1	01	0.6	-01	- 0.4	00	1.0
1957	03	- 1.3	03	- 0.7	04	1.9	00	- 0.4	-01	- 0.4	-01	0.0
MEAN 1926-57		4.3		3.7		2.1		0.4		- 0.6		- 1.0
RMS		1.51		1.53		1.45		1.40		1.14		1.35
MEAN 1926-35		4.7		4.3		2.6		0.5		- 0.1		- 1.0
MEAN 1936-45		4.1		3.5		1.7		0.4		- 0.6		- 1.3
MEAN 1946-55		4.0		3.3		1.7		0.2		- 0.9		- 0.8

LOC 17	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	00	1.9	00	2.5	-01	0.5	00	0.2	02	1.0	06	2.7
1927	-01	0.9	-02	0.5	-02	- 0.5	00	0.2	02	1.0	05	1.7
1928	-03	- 1.1	-04	- 1.5	-04	- 2.5	-01	- 0.8	00	- 1.0	04	0.7
1929	-01	0.9	-01	1.5	-01	0.5	-01	- 0.8	01	0.0	00	- 3.3
1930	-02	- 0.1	-04	- 1.5	00	1.5	00	0.2	03	2.0	03	- 0.3
1931	01	2.9	-04	- 1.5	-01	0.5	-01	- 0.8	01	0.0	05	1.7
1932	00	1.9	-05	- 2.5	-01	0.5	02	2.2	03	2.0	02	- 1.3
1933	-03	- 1.1	-02	0.5	-01	0.5	-01	- 0.8	01	0.0	05	1.7
1934	00	1.9	00	2.5	02	3.5	00	0.2	03	2.0	00	- 3.3
1935	-03	- 1.1	-02	0.5	-03	- 1.5	00	0.2	00	- 1.0	04	0.7
1936	-01	0.9	-02	0.5	-02	- 0.5	-01	- 0.8	02	1.0	03	- 0.3
1937	-04	- 2.1	-03	- 0.5	-01	0.5	-01	- 0.8	01	0.0	05	1.7
1938	-02	- 0.1	-06	- 3.5	-01	0.5	-02	- 1.8	04	3.0	05	1.7
1939		.		.		.		.		.		.
1940		.		.		.		.	00	- 1.0		.
1941	-03	- 1.1	-04	- 1.5	-01	0.5	00	0.2		.		.
1942		.	-01	1.5		.	00	0.2	00	- 1.0	02	- 1.3
1943	-03	- 1.1	-02	0.5	-02	- 0.5	-01	- 0.8	00	- 1.0	-01	- 4.3
1944	-03	- 1.1	-03	- 0.5	-01	0.5	00	0.2	00	- 1.0	03	- 0.3
1945	-01	0.9	-03	- 0.5	-01	0.5	00	0.2	02	1.0	05	1.7
1946	-03	- 1.1	-04	- 1.5	-01	0.5	00	0.2	01	0.0	05	1.7
1947	-03	- 1.1	-01	1.5	00	1.5	01	1.2	03	2.0	05	1.7
1948	-01	0.9	-02	0.5	-02	- 0.5	00	0.2	00	- 1.0	02	- 1.3
1949	-03	- 1.1	-02	0.5	-01	0.5	00	0.2	00	- 1.0	04	0.7
1950	-06	- 4.1	-02	0.5	-02	- 0.5	01	1.2	00	- 1.0	04	0.7
1951	-01	0.9	-02	0.5	00	1.5	-01	- 0.8	02	1.0	02	- 1.3
1952	-03	- 1.1	-02	0.5	-01	0.5	00	0.2	-03	- 4.0	02	- 1.3
1953	-01	0.9	-03	- 0.5	-02	- 0.5	00	0.2	01	0.0	02	- 1.3
1954	-01	0.9	-04	- 1.5	-06	- 4.5	00	0.2	00	- 1.0	03	- 0.3
1955	-03	- 1.1	-02	0.5	-01	0.5	00	0.2	01	0.0	04	0.7
1956	-01	0.9	00	2.5	-04	- 2.5	-01	- 0.8	01	0.0	04	0.7
1957	00	1.9	-03	- 0.5	-02	- 0.5	01	1.2	00	- 1.0	03	- 0.3
MEAN 1926-57		- 1.9		- 2.5		- 1.5		- 0.2		1.0		3.3
RMS		1.52		1.46		1.45		0.81		1.40		1.73
MEAN 1926-35		- 1.2		- 2.4		- 1.2		- 0.2		1.6		3.4
MEAN 1936-45		- 2.4		- 3.0		- 1.3		- 0.6		1.1		3.1
MEAN 1946-55		- 2.5		- 2.4		- 1.6		0.1		0.5		3.3

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 18	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	08	3.4	06	2.4	05	2.1	05	2.8	01	- 0.2	00	0.6
1927	07	2.4	05	1.4	04	1.1	-02	- 4.2	02	0.8	00	0.6
1928	03	- 1.6	05	1.4	03	0.1	01	- 1.2	01	- 0.2	-02	- 1.4
1929	08	3.4	05	1.4	05	2.1	03	0.8	-01	- 2.2	-03	- 2.4
1930	05	0.4	00	- 3.6	-01	- 3.9	02	- 0.2	01	- 0.2	00	0.6
1931	04	- 0.6	03	- 0.6	05	2.1	04	1.8	01	- 0.2	-02	- 1.4
1932	05	0.4	02	- 1.6	05	2.1	03	0.8	02	0.8	-03	- 2.4
1933	03	- 1.6	04	0.4	01	- 1.9	02	- 0.2	01	- 0.2	00	0.6
1934	06	1.4	06	2.4	04	1.1	03	0.8	02	0.8	-01	- 0.4
1935	05	0.4	04	0.4	04	1.1	02	- 0.2	02	0.8	01	1.6
1936	09	4.4	04	0.4	04	1.1	03	0.8	02	0.8	01	1.6
1937	03	- 1.6	02	- 1.6	03	0.1	01	- 1.2	02	0.8	-01	- 0.4
1938	04	- 0.6	05	1.4	01	- 1.9	03	0.8	01	- 0.2	-01	- 0.4
1939	05	0.4	03	- 0.6	02	- 0.9	01	- 1.2	01	- 0.2	-01	- 0.4
1940		•		•		•		•		•		•
1941	02	- 2.6	05	1.4		•		•	01	- 0.2	01	1.6
1942		•		•		•		•		•		•
1943	04	- 0.6	03	- 0.6	03	0.1	04	1.8	00	- 1.2	00	0.6
1944	05	0.4	06	2.4	00	- 2.9	03	0.8	02	0.8	02	2.6
1945	04	- 0.6	03	- 0.6	05	2.1	02	- 0.2	02	0.8	-01	- 0.4
1946	05	0.4	04	0.4	03	0.1	05	2.8	00	- 1.2	03	3.6
1947	02	- 2.6	06	2.4	04	1.1	03	0.8	01	- 0.2	-02	- 1.4
1948	05	0.4	03	- 0.6	01	- 1.9	01	- 1.2	00	- 1.2	00	0.6
1949	06	1.4	02	- 1.6	05	2.1	02	- 0.2	03	1.8	-04	- 3.4
1950	04	- 0.6	03	- 0.6	04	1.1	-03	- 5.2	00	- 1.2	00	0.6
1951	04	- 0.6	01	- 2.6	02	- 0.9	02	- 0.2	01	- 0.2	01	1.6
1952	04	- 0.6	04	0.4	01	- 1.9	02	- 0.2	02	0.8	00	0.6
1953	04	- 0.6	03	- 0.6	02	- 0.9	02	- 0.2	01	- 0.2	00	0.6
1954	01	- 3.6	02	- 1.6	03	0.1	02	- 0.2	03	1.8	-05	- 4.4
1955	05	0.4	03	- 0.6	01	- 1.9	02	- 0.2	-01	- 2.2	01	1.6
1956	04	- 0.6	04	0.4	02	- 0.9	03	0.8	02	0.8	00	0.6
1957	03	- 1.6	02	- 1.6	04	1.1	03	0.8	00	- 1.2	-02	- 1.4
MEAN 1926-57		4.6		3.6		2.9		2.2		1.2		- 0.6
RMS		1.79		1.54		1.69		1.68		1.02		1.73
MEAN 1926-35		5.4		4.0		3.5		2.3		1.2		- 1.0
MEAN 1936-45		4.5		3.9		2.6		2.4		1.4		0.0
MEAN 1946-55		4.0		3.1		2.6		1.8		1.0		- 0.6

LOC 18	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	03	2.9	02	2.0	01	1.4	02	1.8	05	2.7	07	2.9
1927	02	1.9	00	0.0	-01	- 0.6	01	0.8	03	0.7	05	0.9
1928	-02	- 2.1	05	5.0	00	0.4	00	- 0.2	04	1.7	07	2.9
1929	02	1.9	01	1.0	00	0.4	-01	- 1.2	01	- 1.3	00	- 4.1
1930	00	- 0.1	00	0.0	00	0.4	00	- 0.2	05	2.7	04	- 0.1
1931	-02	- 2.1	01	1.0	-01	- 0.6	02	1.8	01	- 1.3	03	- 1.1
1932	00	- 0.1	-01	- 1.0	-03	- 2.6	02	1.8	03	0.7	04	- 0.1
1933	01	0.9	-02	- 2.0	00	0.4	00	- 0.2	03	0.7	05	0.9
1934	00	- 0.1	01	1.0	-02	- 1.6	00	- 0.2	06	3.7	04	- 0.1
1935	01	0.9	-01	- 1.0	-02	- 1.6	01	0.8	03	0.7	05	0.9
1936	01	0.9	01	1.0	-02	- 1.6	01	0.8	02	- 0.3	03	- 1.1
1937	-01	- 1.1	02	2.0	-01	- 0.6	-01	- 1.2	02	- 0.3	07	2.9
1938	00	- 0.1	-03	- 3.0	01	1.4	00	- 0.2	03	0.7	05	0.9
1939		.		.		.		.		.		.
1940		.		.		.		.	04	1.7	03	- 1.1
1941	01	0.9	-02	- 2.0	-02	- 1.6	04	3.8		.		.
1942		.	01	1.0	00	0.4	02	1.8	02	- 0.3	03	- 1.1
1943	00	- 0.1	-01	- 1.0	-01	- 0.6	02	1.8	02	- 0.3	06	1.9
1944	01	0.9	00	0.0	-01	- 0.6	00	- 0.2	01	- 1.3	03	- 1.1
1945	-03	- 3.1	00	0.0	02	2.4	01	0.8	03	0.7	05	0.9
1946	-01	- 1.1	-01	- 1.0	02	2.4	01	0.8	01	- 1.3	05	0.9
1947	02	1.9	01	1.0	-01	- 0.6	-02	- 2.2	04	1.7	06	1.9
1948	01	0.9	-01	- 1.0	02	2.4	00	- 0.2	03	0.7	04	- 0.1
1949	-01	- 1.1	-01	- 1.0	00	0.4	00	- 0.2	00	- 2.3	03	- 1.1
1950	01	0.9	-01	- 1.0	00	0.4	-01	- 1.2	01	- 1.3	03	- 1.1
1951	00	- 0.1	01	1.0	00	0.4	00	- 0.2	02	- 0.3	05	0.9
1952	00	- 0.1	01	1.0	01	1.4	-01	- 1.2	-01	- 3.3	03	- 1.1
1953	00	- 0.1	00	0.0	00	0.4	-01	- 1.2	04	1.7	01	- 3.1
1954	-02	- 2.1	-01	- 1.0	-02	- 1.6	-02	- 2.2	00	- 2.3	04	- 0.1
1955	01	0.9	-01	- 1.0	-01	- 0.6	-02	- 2.2	02	- 0.3	04	- 0.1
1956	-02	- 2.1	00	0.0	00	0.4	-03	- 3.2	01	- 1.3	04	- 0.1
1957	-01	- 1.1	-01	- 1.0	-01	- 0.6	01	0.8	00	- 2.3	03	- 1.1
MEAN 1926-57		0.1		0.0		- 0.4		0.2		2.3		4.1
RMS		1.44		1.53		1.28		1.52		1.67		1.61
MEAN 1926-35		0.5		0.6		- 0.8		0.7		3.4		4.4
MEAN 1936-45		- 0.1		- 0.3		- 0.5		1.1		2.4		4.4
MEAN 1946-55		0.1		- 0.3		0.1		- 0.8		1.6		3.8

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 19	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	03	0.6	01	- 1.3	00	- 0.9	-02	0.2	-02	0.8	01	2.7
1927	00	- 2.4	02	- 0.3	00	- 0.9	03	5.2	-04	- 1.2	-03	- 1.3
1928	02	- 0.4	03	0.7	05	4.1	-01	1.2	-05	- 2.2	-01	0.7
1929	03	0.6	06	3.7	-01	- 1.9	-04	- 1.8	00	2.8	-01	0.7
1930	05	2.6	07	4.7	00	- 0.9	01	3.2	-02	0.8	-01	0.7
1931	05	2.6	03	0.7	01	0.1	-02	0.2	-01	1.8	-01	0.7
1932	01	- 1.4	05	2.7	00	- 0.9	-03	- 0.8	-04	- 1.2	00	1.7
1933	04	1.6	01	- 1.3	02	1.1	-01	1.2	-03	- 0.2	00	1.7
1934	03	0.6	05	2.7	00	- 0.9	-02	0.2	-02	0.8	-03	- 1.3
1935	03	0.6	01	- 1.3	01	0.1	-02	0.2	-02	0.8	-04	- 2.3
1936	01	- 1.4	05	2.7	01	0.1	-03	- 0.8	-02	0.8	-02	- 0.3
1937	05	2.6	01	- 1.3	02	1.1	-02	0.2	-04	- 1.2	00	1.7
1938	03	0.6	03	0.7	00	- 0.9	-02	0.2	-03	- 0.2	-01	0.7
1939	04	1.6	03	0.7	03	2.1	-03	- 0.8	-02	0.8	-03	- 1.3
1940		•		•		•		•		•		•
1941	03	0.6	00	- 2.3		•		•	-02	0.8	-02	- 0.3
1942		•		•		•		•		•		•
1943	00	- 2.4	00	- 2.3	-01	- 1.9	-01	1.2	-03	- 0.2	-03	- 1.3
1944	02	- 0.4	00	- 2.3	03	2.1	-03	- 0.8	-04	- 1.2	-04	- 2.3
1945	02	- 0.4	03	0.7	01	0.1	-03	- 0.8	-02	0.8	-01	0.7
1946	02	- 0.4	-01	- 3.3	02	1.1	-07	- 4.8	-02	0.8	-05	- 3.3
1947	03	0.6	03	0.7	00	- 0.9	-06	- 3.8	-04	- 1.2	-02	- 0.3
1948	-01	- 3.4	04	1.7	02	1.1	-01	1.2	-03	- 0.2	-03	- 1.3
1949	00	- 2.4	01	- 1.3	02	1.1	-01	1.2	-04	- 1.2	03	4.7
1950	05	2.6	00	- 2.3	00	- 0.9	01	3.2	-03	- 0.2	-03	- 1.3
1951	03	0.6	02	- 0.3	-01	- 1.9	00	2.2	-03	- 0.2	-03	- 1.3
1952	00	- 2.4	02	- 0.3	03	2.1	-03	- 0.8	-03	- 0.2	-03	- 1.3
1953	03	0.6	03	0.7	-02	- 2.9	00	2.2	-02	0.8	-02	- 0.3
1954	04	1.6	02	- 0.3	00	- 0.9	-04	- 1.8	-05	- 2.2	00	1.7
1955	00	- 2.4	00	- 2.3	-01	- 1.9	-03	- 0.8	-02	0.8	-03	- 1.3
1956	00	- 2.4	01	- 1.3	00	- 0.9	-05	- 2.8	-05	- 2.2	-01	0.7
1957	03	0.6	02	- 0.3	04	3.1	-04	- 1.8	-01	1.8	00	1.7
MEAN 1926-57		2.4		2.3		0.9		- 2.2		- 2.8		- 1.7
RMS		1.75		1.96		1.65		2.11		1.24		1.70
MEAN 1926-35		2.9		3.4		0.8		- 1.3		- 2.5		- 1.3
MEAN 1936-45		2.5		1.9		1.3		- 2.4		- 2.8		- 2.0
MEAN 1946-55		1.9		1.6		0.5		- 2.4		- 3.1		- 2.1

LOC 19	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	-04	- 1.3	-03	- 0.7	-01	0.3	00	0.5	04	3.9	00	- 0.7
1927	-05	- 2.3	-04	- 1.7	00	1.3	-01	- 0.5	02	1.9	01	0.3
1928	-04	- 1.3	00	2.3	-02	- 0.7	00	0.5	00	- 0.1	01	0.3
1929	-04	- 1.3	-03	- 0.7	-02	- 0.7	00	0.5	01	0.9	04	3.3
1930	-02	0.7	-01	1.3	00	1.3	01	1.5	-03	- 3.1	02	1.3
1931	02	4.7	-03	- 0.7	-01	0.3	-01	- 0.5	00	- 0.1	00	- 0.7
1932	-02	0.7	-04	- 1.7	00	1.3	-02	- 1.5	00	- 0.1	03	2.3
1933	-04	- 1.3	-04	- 1.7	01	2.3	00	0.5	-01	- 1.1	02	1.3
1934	-01	1.7	03	5.3	00	1.3	00	0.5	-02	- 2.1	01	0.3
1935	-04	- 1.3	-01	1.3	-02	- 0.7	00	0.5	02	1.9	01	0.3
1936	-02	0.7	-04	- 1.7	00	1.3	-02	- 1.5	-02	- 2.1	01	0.3
1937	-05	- 2.3	-02	0.3	-02	- 0.7	01	1.5	00	- 0.1	01	0.3
1938	-01	1.7	-02	0.3	-03	- 1.7	00	0.5	03	2.9	01	0.3
1939		•		•		•		•		•		•
1940		•		•		•		•	00	- 0.1	01	0.3
1941	-03	- 0.3	-01	1.3	01	2.3	-02	- 1.5		•		•
1942		•	-03	- 0.7	-02	- 0.7	-01	- 0.5	-05	- 5.1	-03	- 3.7
1943	-02	0.7	-02	0.3	-02	- 0.7	-04	- 3.5	-02	- 2.1	-01	- 1.7
1944	-07	- 4.3	-04	- 1.7	-02	- 0.7	-03	- 2.5	02	1.9	01	0.3
1945	03	5.7	-04	- 1.7	-02	- 0.7	00	0.5	-02	- 2.1	00	- 0.7
1946	-03	- 0.3	-03	- 0.7	-01	0.3	-02	- 1.5	-01	- 1.1	-01	- 1.7
1947	-05	- 2.3	-02	0.3	-01	0.3	02	2.5	01	0.9	-01	- 1.7
1948	-04	- 1.3	-03	- 0.7	-03	- 1.7	-01	- 0.5	00	- 0.1	01	0.3
1949	-01	1.7	-02	0.3	-02	- 0.7	-01	- 0.5	01	0.9	01	0.3
1950	-04	- 1.3	-02	0.3	-02	- 0.7	01	1.5	01	0.9	00	- 0.7
1951	-02	0.7	-02	0.3	00	1.3	00	0.5	02	1.9	00	- 0.7
1952	-04	- 1.3	-01	1.3	-01	0.3	00	0.5	01	0.9	02	1.3
1953	-04	- 1.3	-02	0.3	-02	- 0.7	00	0.5	01	0.9	00	- 0.7
1954	00	2.7	-03	- 0.7	-04	- 2.7	03	3.5	02	1.9	01	0.3
1955	-04	- 1.3	-03	- 0.7	-03	- 1.7	00	0.5	00	- 0.1	00	- 0.7
1956	00	2.7	00	2.3	-01	0.3	00	0.5	00	- 0.1	03	2.3
1957	-02	0.7	-03	- 0.7	-01	0.3	-02	- 1.5	-01	- 1.1	-02	- 2.7
MEAN 1926-57		- 2.7		- 2.3		- 1.3		- 0.5		0.1		0.7
RMS		2.17		1.53		1.21		1.43		1.89		1.45
MEAN 1926-35		- 2.8		- 2.0		- 0.7		- 0.3		0.3		1.5
MEAN 1936-45		- 2.4		- 2.8		- 1.5		- 1.4		- 0.8		0.1
MEAN 1946-55		- 3.1		- 2.3		- 1.9		0.2		0.8		0.3

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 20	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	07	0.9	07	1.6	05	1.0	05	2.7	00	- 0.6	01	1.3
1927	06	- 0.1	07	1.6	04	0.0	-01	- 3.3	-01	- 1.6	01	1.3
1928	08	1.9	09	3.6	04	0.0	04	1.7	01	0.4	00	0.3
1929	12	5.9	08	2.6	06	2.0	02	- 0.3	02	1.4	-01	- 0.7
1930	08	1.9	02	- 3.4	00	- 4.0	04	1.7	02	1.4	02	2.3
1931	07	0.9	08	2.6	03	- 1.0	00	- 2.3	01	0.4	-03	- 2.7
1932	04	- 2.1	03	- 2.4	04	0.0	00	- 2.3	00	- 0.6	-01	- 0.7
1933	04	- 2.1	06	0.6	04	0.0	02	- 0.3	00	- 0.6	02	2.3
1934	03	- 3.1	08	2.6	04	0.0	03	0.7	00	- 0.6	00	0.3
1935	08	1.9	05	- 0.4	04	0.0	-02	- 4.3	-03	- 3.6	-01	- 0.7
1936	04	- 2.1	05	- 0.4	04	0.0	04	1.7	00	- 0.6	00	0.3
1937	08	1.9	04	- 1.4	07	3.0	03	0.7	01	0.4	01	1.3
1938	03	- 3.1	03	- 2.4	05	1.0	03	0.7	-01	- 1.6	00	0.3
1939	05	- 1.1	07	1.6	05	1.0	04	1.7	-01	- 1.6	-04	- 3.7
1940		.		.		.		.		.		.
1941	05	- 1.1	09	3.6		.		.	00	- 0.6	00	0.3
1942		.		.		.		.		.		.
1943	06	- 0.1	06	0.6	03	- 1.0	03	0.7	00	- 0.6	00	0.3
1944	10	3.9	06	0.6	00	- 4.0	02	- 0.3	03	2.4	01	1.3
1945	11	4.9	06	0.6	06	2.0	01	- 1.3	00	- 0.6	00	0.3
1946	05	- 1.1	05	- 0.4	03	- 1.0	04	1.7	-01	- 1.6	01	1.3
1947	03	- 3.1	04	- 1.4	05	1.0	03	0.7	03	2.4	00	0.3
1948	05	- 1.1	05	- 0.4	06	2.0	01	- 1.3	-01	- 1.6	-01	- 0.7
1949	06	- 0.1	03	- 2.4	07	3.0	00	- 2.3	01	0.4	-01	- 0.7
1950	08	1.9	03	- 2.4	05	1.0	01	- 1.3	01	0.4	00	0.3
1951	07	0.9	04	- 1.4	03	- 1.0	03	0.7	01	0.4	-01	- 0.7
1952	05	- 1.1	05	- 0.4	03	- 1.0	04	1.7	03	2.4	00	0.3
1953	05	- 1.1	06	0.6	03	- 1.0	04	1.7	01	0.4	-01	- 0.7
1954	04	- 2.1	06	0.6	05	1.0	00	- 2.3	04	3.4	-01	- 0.7
1955	07	0.9	07	1.6	03	- 1.0	04	1.7	00	- 0.6	00	0.3
1956	03	- 3.1	01	- 4.4	02	- 2.0	02	- 0.3	01	0.4	-02	- 1.7
1957	07	0.9	03	- 2.4	03	- 1.0	03	0.7	02	1.4	-01	- 0.7
MEAN 1926-57		6.1		5.4		4.0		2.3		0.6		- 0.3
RMS		2.35		2.08		1.69		1.79		1.50		1.29
MEAN 1926-35		6.7		6.3		3.8		1.7		0.2		0.0
MEAN 1936-45		6.5		5.8		4.3		2.9		0.3		- 0.3
MEAN 1946-55		5.5		4.8		4.3		2.4		1.2		- 0.4

LOC 20	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	00	0.4	00	0.1	01	0.7	03	0.3	06	1.1	03	- 3.0
1927	-02	- 1.6	-02	- 1.9	01	0.7	02	- 0.7	05	0.1	11	5.0
1928	00	0.4	-01	- 0.9	00	- 0.3	02	- 0.7	07	2.1	09	3.0
1929	00	0.4	00	0.1	03	2.7	03	0.3	07	2.1	07	1.0
1930	02	2.4	-02	- 1.9	-02	- 2.3	05	2.3	02	- 2.9	09	3.0
1931	-01	- 0.6	02	2.1	00	- 0.3	03	0.3	07	2.1	06	0.0
1932	-02	- 1.6	00	0.1	01	0.7	02	- 0.7	03	- 1.9	09	3.0
1933	00	0.4	00	0.1	01	0.7	04	1.3	05	0.1	02	- 4.0
1934	00	0.4	01	1.1	-02	- 2.3	03	0.3	04	- 0.9	10	4.0
1935	01	1.4	-02	- 1.9	00	- 0.3	-02	- 4.7	05	0.1	09	3.0
1936	-02	- 1.6	-02	- 1.9	01	0.7	03	0.3	05	0.1	07	1.0
1937	-01	- 0.6	02	2.1	01	0.7	04	1.3	05	0.1	04	- 2.0
1938	-01	- 0.6	00	0.1	01	0.7	04	1.3	04	- 0.9	09	3.0
1939		.		.		.		.		.		.
1940		.		.		.	02	- 0.7	05	0.1	03	- 3.0
1941	00	0.4	-01	- 0.9	00	- 0.3	03	0.3		.		.
1942		.	02	2.1	00	- 0.3	00	- 2.7	00	- 4.9	03	- 3.0
1943	01	1.4	00	0.1	02	1.7	03	0.3	07	2.1	06	0.0
1944	00	0.4	-01	- 0.9	00	- 0.3	02	- 0.7	09	4.1	08	2.0
1945	00	0.4	01	1.1	01	0.7	03	0.3	02	- 2.9	07	1.0
1946	-01	- 0.6	00	0.1	00	- 0.3	03	0.3	03	- 1.9	01	- 5.0
1947	02	2.4	-01	- 0.9	-01	- 1.3	02	- 0.7	05	0.1	05	- 1.0
1948	00	0.4	00	0.1	02	1.7	04	1.3	06	1.1	06	0.0
1949	00	0.4	-01	- 0.9	00	- 0.3	03	0.3	06	1.1	06	0.0
1950	01	1.4	01	1.1	00	- 0.3	05	2.3	01	- 3.9	04	- 2.0
1951	00	0.4	00	0.1	00	- 0.3	06	3.3	05	0.1	05	- 1.0
1952	-02	- 1.6	00	0.1	00	- 0.3	02	- 0.7	07	2.1	08	2.0
1953	-02	- 1.6	01	1.1	-01	- 1.3	03	0.3	07	2.1	07	1.0
1954	-01	- 0.6	00	0.1	01	0.7	01	- 1.7	08	3.1	06	0.0
1955	01	1.4	00	0.1	00	- 0.3	01	- 1.7	03	- 1.9	04	- 2.0
1956	-02	- 1.6	-01	- 0.9	02	1.7	01	- 1.7	03	- 1.9	03	- 3.0
1957	-03	- 2.6	00	0.1	-02	- 2.3	03	0.3	06	1.1	04	- 2.0
MEAN 1926-57		- 0.4		- 0.1		0.3		2.7		4.9		6.0
RMS		1.27		1.14		1.18		1.54		2.12		2.58
MEAN 1926-35		- 0.2		- 0.4		0.3		2.5		5.1		7.5
MEAN 1936-45		- 0.4		0.1		0.8		2.7		4.6		5.9
MEAN 1946-55		- 0.2		0.0		0.1		3.0		5.1		5.2

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 21	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	01	- 0.2	02	0.2	01	0.8	03	5.5	01	3.0	00	1.1
1927	00	- 1.2	03	1.2	-03	- 3.2	05	7.5	-03	- 1.0	-04	- 2.9
1928	01	- 0.2	00	- 1.8	06	5.8	-05	- 2.5	-05	- 3.0	-01	0.1
1929	01	- 0.2	07	5.2	-05	- 5.2	-04	- 1.5	00	2.0	00	1.1
1930	02	0.8	08	6.2	01	0.8	00	2.5	-02	0.0	-01	0.1
1931	05	3.8	01	- 0.8	01	0.8	-04	- 1.5	00	2.0	00	1.1
1932	01	- 0.2	04	2.2	02	1.8	-02	0.5	-01	1.0	02	3.1
1933	03	1.8	00	- 1.8	02	1.8	00	2.5	-02	0.0	00	1.1
1934	06	4.8	03	1.2	01	0.8	-05	- 2.5	-02	0.0	-02	- 0.9
1935	01	- 0.2	03	1.2	00	- 0.2	-01	1.5	00	2.0	-01	0.1
1936	03	1.8	07	5.2	01	0.8	-02	0.5	01	3.0	-03	- 1.9
1937	-01	- 2.2	-01	- 2.8	-01	- 1.2	-05	- 2.5	-02	0.0	00	1.1
1938	05	3.8	00	- 1.8	00	- 0.2	-02	0.5	-01	1.0	00	1.1
1939	03	1.8	03	1.2	01	0.8	-05	- 2.5	-02	0.0	-01	0.1
1940		.		.		.		.		.		.
1941	02	0.8	00	- 1.8		.		.	-01	1.0	-01	0.1
1942		.		.		.		.		.		.
1943	-05	- 6.2	-04	- 5.8	-03	- 3.2	-03	- 0.5	-03	- 1.0	-03	- 1.9
1944	00	- 1.2	00	- 1.8	01	0.8	-04	- 1.5	-05	- 3.0	-06	- 4.9
1945	00	- 1.2	03	1.2	00	- 0.2	-07	- 4.5	-01	1.0	-01	0.1
1946	03	1.8	00	- 1.8	03	2.8	-07	- 4.5	00	2.0	-04	- 2.9
1947	04	2.8	04	2.2	00	- 0.2	-05	- 2.5	-03	- 1.0	-01	0.1
1948	00	- 1.2	03	1.2	-01	- 1.2	00	2.5	-02	0.0	00	1.1
1949	-03	- 4.2	00	- 1.8	01	0.8	02	4.5	-02	0.0	01	2.1
1950	00	- 1.2	00	- 1.8	00	- 0.2	-01	1.5	-04	- 2.0	-02	- 0.9
1951	01	- 0.2	00	- 1.8	-05	- 5.2	01	3.5	-03	- 1.0	-03	- 1.9
1952	-03	- 4.2	02	0.2	02	1.8	-05	- 2.5	-03	- 1.0	-01	0.1
1953	04	2.8	03	1.2	00	- 0.2	01	3.5	-02	0.0	00	1.1
1954	02	0.8	03	1.2	-01	- 1.2	-02	0.5	-07	- 5.0	02	3.1
1955	01	- 0.2	-04	- 5.8	-04	- 4.2	-05	- 2.5	00	2.0	-01	0.1
1956	-02	- 3.2	02	0.2	02	1.8	-06	- 3.5	-06	- 4.0	00	1.1
1957	00	- 1.2	01	- 0.8	05	4.8	-04	- 1.5	00	2.0	-01	0.1
MEAN 1926-57		1.2		1.8		0.2		- 2.5		- 2.0		- 1.1
RMS		2.49		2.75		2.53		3.05		1.98		1.74
MEAN 1926-35		2.1		3.1		0.6		- 1.3		- 1.4		- 0.7
MEAN 1936-45		0.9		1.0		- 0.1		- 4.0		- 1.8		- 1.9
MEAN 1946-55		0.9		1.1		- 0.5		- 2.1		- 2.6		- 0.9

LOC 21	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	-05	- 2.3	-02	0.5	02	3.4	-03	- 0.8	03	5.0	00	1.0
1927	-05	- 2.3	-03	- 0.5	00	1.4	-01	1.2	03	5.0	-05	- 4.0
1928	-04	- 1.3	-02	0.5	-04	- 2.6	-01	1.2	-02	0.0	00	1.0
1929	-04	- 1.3	-03	- 0.5	-03	- 1.6	-02	0.2	-03	- 1.0	01	2.0
1930	-04	- 1.3	00	2.5	01	2.4	-02	0.2	-04	- 2.0	00	1.0
1931	01	3.7	-03	- 0.5	-01	0.4	-03	- 0.8	-02	0.0	-02	- 1.0
1932	01	3.7	-04	- 1.5	-01	0.4	-02	0.2	-02	0.0	01	2.0
1933	-03	- 0.3	-03	- 0.5	00	1.4	00	2.2	-05	- 3.0	01	2.0
1934	-01	1.7	-03	- 0.5	01	2.4	-03	- 0.8	-04	- 2.0	00	1.0
1935	-05	- 2.3	-01	1.5	-02	- 0.6	02	4.2	02	4.0	00	1.0
1936	-02	0.7	-04	- 1.5	00	1.4	-02	0.2	-03	- 1.0	-01	0.0
1937	-05	- 2.3	-03	- 0.5	-03	- 1.6	-04	- 1.8	-03	- 1.0	-01	0.0
1938	-01	1.7	-01	1.5	-04	- 2.6	-02	0.2	01	3.0	00	1.0
1939		.		.		.		.		.		.
1940		.		.		.	-01	1.2	-02	0.0	02	3.0
1941	-02	0.7	-01	1.5	01	2.4	-03	- 0.8		.		.
1942		.	-04	- 1.5	-04	- 2.6	00	2.2	-06	- 4.0	-06	- 5.0
1943	-04	- 1.3	-04	- 1.5	-03	- 1.6	-03	- 0.8	-07	- 5.0	-02	- 1.0
1944	-07	- 4.3	-04	- 1.5	-03	- 1.6	-04	- 1.8	00	2.0	-03	- 2.0
1945	02	4.7	-03	- 0.5	-01	0.4	-02	0.2	-03	- 1.0	00	1.0
1946	-03	- 0.3	-05	- 2.5	-03	- 1.6	-04	- 1.8	-03	- 1.0	-01	0.0
1947	-04	- 1.3	-01	1.5	-02	- 0.6	-02	0.2	02	4.0	-01	0.0
1948	-03	- 0.3	-02	0.5	-05	- 3.6	-04	- 1.8	-02	0.0	00	1.0
1949	-03	- 0.3	-02	0.5	-03	- 1.6	-03	- 0.8	-04	- 2.0	-01	0.0
1950	-05	- 2.3	-03	- 0.5	-02	- 0.6	-04	- 1.8	-02	0.0	-04	- 3.0
1951	-02	0.7	-02	0.5	01	2.4	-01	1.2	-01	1.0	-04	- 3.0
1952	-02	0.7	01	3.5	00	1.4	-03	- 0.8	-03	- 1.0	-01	0.0
1953	-02	0.7	-04	- 1.5	-02	- 0.6	-01	1.2	-01	1.0	-02	- 1.0
1954	00	2.7	-02	0.5	-03	- 1.6	01	3.2	-02	0.0	-03	- 2.0
1955	-04	- 1.3	-04	- 1.5	-03	- 1.6	-03	- 0.8	-03	- 1.0	04	5.0
1956	00	2.7	00	2.5	-01	0.4	-03	- 0.8	-02	0.0	02	3.0
1957	-02	0.7	-02	0.5	02	3.4	-04	- 1.8	-02	0.0	-04	- 3.0
MEAN 1926-57		- 2.7		- 2.5		- 1.4		- 2.2		- 2.0		- 1.0
RMS		2.14		1.43		1.96		1.53		2.39		2.21
MEAN 1926-35		- 2.9		- 2.4		- 0.4		- 1.5		- 1.4		- 0.4
MEAN 1936-45		- 2.7		- 3.0		- 2.1		- 2.3		- 2.9		- 1.4
MEAN 1946-55		- 2.8		- 2.4		- 2.2		- 2.4		- 1.9		- 1.3

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 22	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	05	2.2	07	3.2	03	1.2	02	2.9	03	3.5	02	2.6
1927	03	0.2	05	1.2	00	- 1.8	05	5.9	-01	- 0.5	-02	- 1.4
1928	05	2.2	00	- 3.8	07	5.2	-04	- 3.1	-03	- 2.5	00	0.6
1929	06	3.2	08	4.2	-03	- 4.8	-03	- 2.1	01	1.5	-01	- 0.4
1930	03	0.2	09	5.2	01	- 0.8	02	2.9	01	1.5	01	1.6
1931	08	5.2	04	0.2	04	2.2	-02	- 1.1	01	1.5	-01	- 0.4
1932	04	1.2	05	1.2	04	2.2	01	1.9	02	2.5	00	0.6
1933	02	- 0.8	01	- 2.8	02	0.2	00	0.9	-01	- 0.5	-01	- 0.4
1934	07	4.2	07	3.2	05	3.2	-01	- 0.1	01	1.5	-02	- 1.4
1935	02	- 0.8	01	- 2.8	01	- 0.8	03	3.9	03	3.5	-01	- 0.4
1936	07	4.2	09	5.2	05	3.2	00	0.9	01	1.5	-02	- 1.4
1937	-05	- 7.8	-03	- 6.8	00	- 1.8	-05	- 4.1	02	2.5	00	0.6
1938	07	4.2	02	- 1.8	01	- 0.8	-01	- 0.1	01	1.5	01	1.6
1939	06	3.2	05	1.2	02	0.2	-05	- 4.1	-03	- 2.5	00	0.6
1940		.		.		.		.		.		.
1941	04	1.2	01	- 2.8		.		.	-01	- 0.5	01	1.6
1942		.		.	-01	- 2.8		.		.		.
1943	-01	- 3.8	02	- 1.8	-01	- 2.8	03	3.9	-01	- 0.5	-02	- 1.4
1944	08	5.2	05	1.2	03	1.2	02	2.9	-03	- 2.5	-04	- 3.4
1945	05	2.2	06	2.2	04	2.2	-06	- 5.1	02	2.5	-02	- 1.4
1946	05	2.2	04	0.2	06	4.2	-03	- 2.1	00	0.5	-04	- 3.4
1947	03	0.2	08	4.2	02	0.2	-03	- 2.1	-03	- 2.5	00	0.6
1948	00	- 2.8	03	- 0.8	-02	- 3.8	-03	- 2.1	-02	- 1.5	00	0.6
1949	-05	- 7.8	00	- 3.8	04	2.2	03	3.9	-01	- 0.5	01	1.6
1950	-01	- 3.8	01	- 2.8	02	0.2	-03	- 2.1	-02	- 1.5	-04	- 3.4
1951	01	- 1.8	00	- 3.8	-04	- 5.8	05	5.9	-02	- 1.5	-02	- 1.4
1952	-02	- 4.8	05	1.2	04	2.2	-02	- 1.1	-05	- 4.5	00	0.6
1953	05	2.2	07	3.2	01	- 0.8	03	3.9	02	2.5	01	1.6
1954	00	- 2.8	05	1.2	-01	- 2.8	-03	- 2.1	-05	- 4.5	03	3.6
1955	05	2.2	-01	- 4.8	-04	- 5.8	-04	- 3.1	02	2.5	-02	- 1.4
1956	-03	- 5.8	05	1.2	05	3.2	-05	- 4.1	-04	- 3.5	01	1.6
1957	00	- 2.8	04	0.2	04	2.2	-01	- 0.1	01	1.5	01	1.6
MEAN 1926-57		2.8		3.8		1.8		- 0.9		- 0.5		- 0.6
RMS		3.69		3.14		2.91		3.19		2.33		1.75
MEAN 1926-35		4.5		4.7		2.4		0.3		0.7		- 0.5
MEAN 1936-45		3.9		3.4		1.6		- 1.7		- 0.3		- 1.0
MEAN 1946-55		1.1		3.2		0.8		- 1.0		- 1.6		- 0.7

LOC 22	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	-04	- 1.1	00	2.2	03	3.8	01	2.6	07	7.8	04	2.9
1927	-05	- 2.1	-03	- 0.8	03	3.8	02	3.6	04	4.8	-02	- 3.1
1928	-03	- 0.1	-02	0.2	-03	- 2.2	00	1.6	00	0.8	03	1.9
1929	-03	- 0.1	-01	1.2	01	1.8	01	2.6	-01	- 0.2	01	- 0.1
1930	-05	- 2.1	-02	0.2	-03	- 2.2	-03	- 1.4	02	2.8	03	1.9
1931	-02	0.9	-01	1.2	00	0.8	-02	- 0.4	00	0.8	-01	- 2.1
1932	00	2.9	-03	- 0.8	-01	- 0.2	00	1.6	-01	- 0.2	05	3.9
1933	-02	0.9	-02	0.2	01	1.8	01	2.6	-02	- 1.2	02	0.9
1934	-01	1.9	-02	0.2	00	0.8	-02	- 0.4	-02	- 1.2	00	- 1.1
1935	-03	- 0.1	-02	0.2	-01	- 0.2	02	3.6	03	3.8	02	0.9
1936	-03	- 0.1	-04	- 1.8	00	0.8	02	3.6	00	0.8	-01	- 2.1
1937	-05	- 2.1	-04	- 1.8	-01	- 0.2	-03	- 1.4	-06	- 5.2	01	- 0.1
1938	-03	- 0.1	01	3.2	-02	- 1.2	01	2.6	02	2.8	06	4.9
1939		•		•		•		•		•		•
1940		•		•		•	-03	- 1.4	-04	- 3.2	03	1.9
1941	-02	0.9	-01	1.2	00	0.8	-03	- 1.4		•		•
1942		•	-01	1.2	-04	- 3.2	01	2.6	-05	- 4.2	-01	- 2.1
1943	-03	- 0.1	-05	- 2.8	-01	- 0.2	-01	0.6	-02	- 1.2	03	1.9
1944	-04	- 1.1	-03	- 0.8	-01	- 0.2	-05	- 3.4	04	4.8	01	- 0.1
1945	01	3.9	-03	- 0.8	-01	- 0.2	-01	0.6	-05	- 4.2	03	1.9
1946	-03	- 0.1	-05	- 2.8	-03	- 2.2	-04	- 2.4	-04	- 3.2	01	- 0.1
1947	-06	- 3.1	02	4.2	01	1.8	-04	- 2.4	07	7.8	03	1.9
1948	-03	- 0.1	-01	1.2	-05	- 4.2	-03	- 1.4	-01	- 0.2	-01	- 2.1
1949	-04	- 1.1	-03	- 0.8	-01	- 0.2	-01	0.6	-02	- 1.2	-01	- 2.1
1950	-06	- 3.1	-03	- 0.8	-02	- 1.2	-05	- 3.4	-04	- 3.2	-06	- 7.1
1951	-02	0.9	-02	0.2	01	1.8	-03	- 1.4	-01	- 0.2	-02	- 3.1
1952	-02	0.9	00	2.2	-02	- 1.2	-05	- 3.4	-02	- 1.2	-03	- 4.1
1953	-02	0.9	-05	- 2.8	-02	- 1.2	-02	- 0.4	00	0.8	01	- 0.1
1954	-03	- 0.1	-04	- 1.8	-03	- 2.2	03	4.6	-03	- 2.2	00	- 1.1
1955	-03	- 0.1	-04	- 1.8	-02	- 1.2	-02	- 0.4	-01	- 0.2	05	3.9
1956	00	2.9	-02	0.2	01	1.8	-07	- 5.4	-02	- 1.2	07	5.9
1957	-03	- 0.1	-01	1.2	04	4.8	-05	- 3.4	-04	- 3.2	-03	- 4.1
MEAN 1926-57		- 2.9		- 2.2		- 0.8		- 1.6		- 0.8		1.1
RMS		1.65		1.73		2.08		2.58		3.31		2.93
MEAN 1926-35		- 2.8		- 1.8		0.0		0.0		1.0		1.7
MEAN 1936-45		- 2.7		- 2.5		- 1.3		- 1.3		- 2.0		1.9
MEAN 1946-55		- 3.4		- 2.5		- 1.8		- 2.6		- 1.1		- 0.3

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 23	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	08	2.7	08	1.8	04	- 0.2	02	0.1	04	2.1	03	2.6
1927	05	- 0.3	08	1.8	03	- 1.2	04	2.1	02	0.1	01	0.6
1928	09	3.7	04	- 2.2	08	3.8	04	2.1	00	- 1.9	01	0.6
1929	09	3.7	13	6.8	01	- 3.2	01	- 0.9	03	1.1	00	- 0.4
1930	04	- 1.3	09	2.8	05	0.8	03	1.1	05	3.1	03	2.6
1931	12	6.7	07	0.8	05	0.8	00	- 1.9	01	- 0.9	-01	- 1.4
1932	05	- 0.3	04	- 2.2	07	2.8	03	1.1	04	2.1	00	- 0.4
1933	04	- 1.3	05	- 1.2	04	- 0.2	03	1.1	-01	- 2.9	00	- 0.4
1934	08	2.7	09	2.8	06	1.8	04	2.1	01	- 0.9	-02	- 2.4
1935	03	- 2.3	01	- 5.2	02	- 2.2	04	2.1	03	1.1	00	- 0.4
1936	10	4.7	11	4.8	07	2.8	04	2.1	04	2.1	-02	- 2.4
1937	-04	- 9.3	-02	- 8.2	02	- 2.2	-01	- 2.9	04	2.1	01	0.6
1938	08	2.7	02	- 4.2	03	- 1.2	02	0.1	02	0.1	02	1.6
1939	11	5.7	11	4.8	05	0.8	-02	- 3.9	-02	- 3.9	00	- 0.4
1940		.		.		.		.		.		.
1941	05	- 0.3	04	- 2.2	05	0.8	05	3.1	01	- 0.9	01	0.6
1942	07	1.7	06	- 0.2	01	- 3.2	00	- 1.9		.		.
1943	06	0.7	06	- 0.2	00	- 4.2	06	4.1	00	- 1.9	-01	- 1.4
1944	09	3.7	09	2.8	03	- 1.2	06	4.1	02	0.1	-04	- 4.4
1945	10	4.7	08	1.8	08	3.8	-02	- 3.9	05	3.1	-01	- 1.4
1946	08	2.7	08	1.8	05	0.8	00	- 1.9	00	- 1.9	-01	- 1.4
1947	02	- 3.3	10	3.8	06	1.8	03	1.1	03	1.1	02	1.6
1948	05	- 0.3	05	- 1.2	-01	- 5.2	-04	- 5.9	00	- 1.9	01	0.6
1949	00	- 5.3	01	- 5.2	06	1.8	03	1.1	01	- 0.9	00	- 0.4
1950	-01	- 6.3	03	- 3.2	08	3.8	-03	- 4.9	01	- 0.9	-03	- 3.4
1951	05	- 0.3	03	- 3.2	00	- 4.2	07	5.1	03	1.1	01	0.6
1952	00	- 5.3	08	1.8	06	1.8	00	- 1.9	-02	- 3.9	01	0.6
1953	08	2.7	09	2.8	04	- 0.2	06	4.1	06	4.1	01	0.6
1954	00	- 5.3	09	2.8	00	- 4.2	-02	- 3.9	02	0.1	02	1.6
1955	11	5.7	02	- 4.2	01	- 3.2	01	- 0.9	03	1.1	00	- 0.4
1956	-03	- 8.3	06	- 0.2	09	4.8	00	- 1.9	00	- 1.9	03	2.6
1957	00	- 5.3	05	- 1.2	08	3.8	02	0.1	03	1.1	03	2.6
MEAN 1926-57		5.3		6.2		4.2		1.9		1.9		0.4
RMS		4.33		3.46		2.81		2.87		2.05		1.75
MEAN 1926-35		6.7		6.8		4.5		2.8		2.2		0.5
MEAN 1936-45		6.9		6.1		3.8		2.0		2.0		- 0.5
MEAN 1946-55		3.8		5.8		3.5		1.1		1.7		0.4

LOC 23	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	-03	- 0.8	01	2.4	03	2.1	05	4.5	08	5.3	07	2.3
1927	-03	- 0.8	-01	0.4	03	2.1	02	1.5	04	1.3	05	0.3
1928	-01	1.2	-02	- 0.6	-03	- 3.9	02	1.5	05	2.3	07	2.3
1929	-03	- 0.8	-03	- 1.6	04	3.1	04	3.5	06	3.3	02	- 2.7
1930	-06	- 3.8	-01	0.4	-02	- 2.9	00	- 0.5	04	1.3	06	1.3
1931	-04	- 1.8	00	1.4	02	1.1	00	- 0.5	03	0.3	00	- 4.7
1932	-01	1.2	-01	0.4	01	0.1	02	1.5	02	- 0.7	08	3.3
1933	-02	0.2	00	1.4	03	2.1	03	2.5	01	- 1.7	01	- 3.7
1934	-01	1.2	00	1.4	01	0.1	00	- 0.5	02	- 0.7	03	- 1.7
1935	-01	1.2	-01	0.4	01	0.1	-01	- 1.5	05	2.3	06	1.3
1936	-04	- 1.8	-02	- 0.6	03	2.1	04	3.5	08	5.3	02	- 2.7
1937	-02	0.2	-02	- 0.6	02	1.1	03	2.5	-01	- 3.7	03	- 1.7
1938	-03	- 0.8	00	1.4	02	1.1	04	3.5	05	2.3	11	6.3
1939		.		.		.		.		.		.
1940		.		.		.	00	- 0.5	-02	- 4.7	06	1.3
1941	-03	- 0.8	-01	0.4	00	- 0.9	-04	- 4.5		.	08	3.3
1942		.		.	-01	- 1.9	01	0.5	-01	- 3.7	05	0.3
1943	-03	- 0.8	-04	- 2.6	02	1.1	01	0.5	02	- 0.7	09	4.3
1944	-01	1.2	-02	- 0.6	00	- 0.9	-05	- 5.5	09	6.3	07	2.3
1945	-01	1.2	-03	- 1.6	00	- 0.9	01	0.5	-05	- 7.7	07	2.3
1946	-04	- 1.8	-03	- 1.6	00	- 0.9	-02	- 2.5	-04	- 6.7	04	- 0.7
1947	-02	0.2	00	1.4	01	0.1	-01	- 1.5	12	9.3	08	3.3
1948	-01	1.2	02	3.4	-04	- 4.9	00	- 0.5	03	0.3	01	- 3.7
1949	-03	- 0.8	-03	- 1.6	00	- 0.9	00	- 0.5	04	1.3	04	- 0.7
1950	-03	- 0.8	00	1.4	-01	- 1.9	-02	- 2.5	-05	- 7.7	-01	- 5.7
1951	-02	0.2	-01	0.4	01	0.1	01	0.5	01	- 1.7	-01	- 5.7
1952	00	2.2	00	1.4	00	- 0.9	-02	- 2.5	05	2.3	02	- 2.7
1953	-01	1.2	-03	- 1.6	-01	- 1.9	02	1.5	02	- 0.7	08	3.3
1954	-01	1.2	-03	- 1.6	00	- 0.9	05	4.5	03	0.3	03	- 1.7
1955	-02	0.2	-03	- 1.6	-02	- 2.9	00	- 0.5	03	0.3	03	- 1.7
1956	-01	1.2	-03	- 1.6	05	4.1	-07	- 7.5	01	- 1.7	10	5.3
1957	-02	0.2	-01	0.4	06	5.1	00	- 0.5	00	- 2.7	01	- 3.7
MEAN 1926-57		- 2.2		- 1.4		0.9		0.5		2.7		4.7
RMS		1.32		1.47		2.26		2.78		3.94		3.26
MEAN 1926-35		- 2.5		- 0.8		1.3		1.7		4.0		4.5
MEAN 1936-45		- 2.4		- 2.0		1.0		0.6		1.9		6.4
MEAN 1946-55		- 1.9		- 1.4		- 0.6		0.1		2.4		3.1

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 24	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	00	0.3	-01	- 0.6	00	- 0.2	-03	- 4.4	-02	- 3.7	01	0.0
1927	-01	- 0.7	01	1.4	-02	- 2.2	-03	- 4.4	-01	- 2.7	03	2.0
1928	03	3.3	02	2.4	-05	- 5.2	01	- 0.4	03	1.3	01	0.0
1929	-01	- 0.7	-03	- 2.6	01	0.8	-01	- 2.4	03	1.3	02	1.0
1930	-03	- 2.7	-04	- 3.6	03	2.8	01	- 0.4	02	0.3	01	0.0
1931	02	2.3	-01	- 0.6	-03	- 3.2	02	0.6	-01	- 2.7	01	0.0
1932	01	1.3	-03	- 2.6	00	- 0.2	03	1.6	01	- 0.7	01	0.0
1933	02	2.3	-01	- 0.6	-03	- 3.2	03	1.6	-01	- 2.7	00	- 1.0
1934	-05	- 4.7	-02	- 1.6	-02	- 2.2	04	2.6	00	- 1.7	01	0.0
1935	-02	- 1.7	00	0.4	00	- 0.2	-02	- 3.4	00	- 1.7	00	- 1.0
1936	-03	- 2.7	-04	- 3.6	01	0.8	00	- 1.4	04	2.3	00	- 1.0
1937	-01	- 0.7	01	1.4	03	2.8	03	1.6	00	- 1.7	01	0.0
1938	-02	- 1.7	-05	- 4.6	04	3.8	05	3.6	03	1.3	01	0.0
1939	-01	- 0.7	03	3.4	-05	- 5.2	04	2.6	00	- 1.7	02	1.0
1940	.	.	.	.	.	.	.	.	.	.	.	.
1941	00	0.3	04	4.4	01	0.8	04	2.6	02	0.3	-02	- 3.0
1942	.	.	06	6.4	01	0.8	.	.	.	.	.	.
1943	00	0.3	00	0.4	-03	- 3.2	00	- 1.4	00	- 1.7	-01	- 2.0
1944	00	0.3	01	1.4	-03	- 3.2	02	0.6	02	0.3	00	- 1.0
1945	03	3.3	00	0.4	03	2.8	-01	- 2.4	-01	- 2.7	00	- 1.0
1946	04	4.3	02	2.4	00	- 0.2	05	3.6	02	0.3	04	3.0
1947	-02	- 1.7	-01	- 0.6	-02	- 2.2	03	1.6	05	3.3	02	1.0
1948	02	2.3	-07	- 6.6	00	- 0.2	-04	- 5.4	01	- 0.7	02	1.0
1949	05	5.3	-01	- 0.6	03	2.8	-01	- 2.4	00	- 1.7	00	- 1.0
1950	-08	- 7.7	-01	- 0.6	05	4.8	03	1.6	03	1.3	02	1.0
1951	-01	- 0.7	03	3.4	-01	- 1.2	01	- 0.4	02	0.3	01	0.0
1952	01	1.3	01	1.4	00	- 0.2	04	2.6	00	- 1.7	02	1.0
1953	00	0.3	00	0.4	01	0.8	01	- 0.4	06	4.3	-02	- 3.0
1954	-03	- 2.7	-01	- 0.6	01	0.8	-03	- 4.4	07	5.3	01	0.0
1955	05	4.7	-02	- 1.6	04	3.8	02	0.6	03	1.3	02	1.0
1956	-04	- 3.7	03	3.4	04	3.8	05	3.6	05	3.3	03	2.0
1957	00	0.3	-02	- 1.6	-01	- 1.2	05	3.6	02	0.3	00	- 1.0
MEAN 1926-57		- 0.3		- 0.4		0.2		1.4		1.7		1.0
RMS		2.87		2.77		2.67		2.71		2.25		1.35
MEAN 1926-35		- 0.4		- 1.2		- 1.1		0.5		0.4		1.1
MEAN 1936-45		- 0.5		0.7		0.2		2.1		1.3		0.1
MEAN 1946-55		0.3		- 0.7		1.1		1.1		2.9		1.4

LOC 24	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	-01	- 2.5	-01	- 2.4	-01	- 2.7	02	- 1.7	-01	- 3.9	03	1.7
1927	03	1.5	02	0.6	-02	- 3.7	01	- 2.7	-03	- 5.9	00	- 1.3
1928	04	2.5	02	0.6	03	1.3	05	1.3	04	1.1	01	- 0.3
1929	01	- 0.5	-01	- 2.4	03	1.3	04	0.3	06	3.1	01	- 0.3
1930	01	- 0.5	00	- 1.4	00	- 1.7	02	- 1.7	01	- 1.9	03	1.7
1931	-02	- 3.5	01	- 0.4	01	- 0.7	04	0.3	03	0.1	04	2.7
1932	00	- 1.5	03	1.6	04	2.3	03	- 0.7	00	- 2.9	01	- 0.3
1933	02	0.5	02	0.6	01	- 0.7	00	- 3.7	02	- 0.9	-07	- 8.3
1934	-01	- 2.5	01	- 0.4	02	0.3	06	2.3	02	- 0.9	01	- 0.3
1935	04	2.5	03	1.6	02	0.3	-01	- 4.7	-01	- 3.9	-01	- 2.3
1936	-01	- 2.5	00	- 1.4	02	0.3	-02	- 5.7	03	0.1	04	2.7
1937	05	3.5	01	- 0.4	00	- 1.7	05	1.3	01	- 1.9	-03	- 4.3
1938	02	0.5	02	0.6	02	0.3	03	- 0.7	03	0.1	01	- 0.3
1939		.		.		.		.		.		.
1940		.		.		.	03	- 0.7	03	0.1	01	- 0.3
1941	01	- 0.5	00	- 1.4	02	0.3	02	- 1.7		.	04	2.7
1942	02	0.5	01	- 0.4	04	2.3	01	- 2.7	-01	- 3.9	00	- 1.3
1943	01	- 0.5	05	3.6	03	1.3	05	1.3	07	4.1	01	- 0.3
1944	01	- 0.5	01	- 0.4	00	- 1.7	03	- 0.7	04	1.1	05	3.7
1945	-02	- 3.5	03	1.6	01	- 0.7	04	0.3	-01	- 3.9	-01	- 2.3
1946	01	- 0.5	02	0.6	00	- 1.7	07	3.3	02	- 0.9	-04	- 5.3
1947	05	3.5	-02	- 3.4	01	- 0.7	07	3.3	04	1.1	00	- 1.3
1948	04	2.5	02	0.6	02	0.3	07	3.3	06	3.1	05	3.7
1949	03	1.5	04	2.6	03	1.3	05	1.3	10	7.1	05	3.7
1950	03	1.5	02	0.6	04	2.3	05	1.3	-01	- 3.9	05	3.7
1951	02	0.5	00	- 1.4	-01	- 2.7	04	0.3	05	2.1	01	- 0.3
1952	04	2.5	00	- 1.4	00	- 1.7	06	2.3	10	7.1	04	2.7
1953	00	- 1.5	02	0.6	01	- 0.7	05	1.3	04	1.1	06	4.7
1954	02	0.5	03	1.6	05	3.3	05	1.3	04	1.1	00	- 1.3
1955	02	0.5	02	0.6	03	1.3	05	1.3	01	- 1.9	00	- 1.3
1956	-01	- 2.5	00	- 1.4	06	4.3	06	2.3	03	0.1	-03	- 4.3
1957	00	- 1.5	01	- 0.4	-01	- 2.7	02	- 1.7	06	3.1	04	2.7
MEAN 1926-57		1.5		1.4		1.7		3.7		2.9		1.3
RMS		2.00		1.54		1.92		2.30		3.16		3.02
MEAN 1926-35		1.1		1.2		1.3		2.6		1.3		0.6
MEAN 1936-45		1.1		1.6		1.8		2.7		2.4		1.3
MEAN 1946-55		2.6		1.5		1.8		5.6		4.5		2.2

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 25	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	06	2.3	07	3.3	05	2.4	02	- 0.9	00	- 2.6	02	1.0
1927	03	- 0.7	03	- 0.7	01	- 1.6	-01	- 3.9	00	- 2.6	04	3.0
1928	09	5.3	07	3.3	00	- 2.6	02	- 0.9	03	0.4	01	0.0
1929	08	4.3	06	2.3	02	- 0.6	01	- 1.9	05	2.4	01	0.0
1930	07	3.3	-02	- 5.7	00	- 2.6	04	1.1	03	0.4	02	1.0
1931	07	3.3	07	3.3	03	0.4	02	- 0.9	00	- 2.6	01	0.0
1932	05	1.3	01	- 2.7	04	1.4	04	1.1	04	1.4	-02	- 3.0
1933	02	- 1.7	02	- 1.7	04	1.4	02	- 0.9	03	0.4	00	- 1.0
1934	-02	- 5.7	06	2.3	03	0.4	05	2.1	02	- 0.6	02	1.0
1935	03	- 0.7	01	- 2.7	03	0.4	02	- 0.9	01	- 1.6	02	1.0
1936	00	- 3.7	03	- 0.7	05	2.4	04	1.1	04	1.4	02	1.0
1937	02	- 1.7	02	- 1.7	03	0.4	03	0.1	03	0.4	01	0.0
1938	02	- 1.7	-02	- 5.7	04	1.4	04	1.1	03	0.4	01	0.0
1939	03	- 0.7	07	3.3	01	- 1.6	04	1.1	-02	- 4.6	00	- 1.0
1940		.		.		.		.		.		.
1941	04	0.3	07	3.3		.		.	02	- 0.6	02	1.0
1942		.		.		.		.		.		.
1943	05	1.3	07	3.3	00	- 2.6	05	2.1	02	- 0.6	01	0.0
1944	09	5.3	04	0.3	-01	- 3.6	05	2.1	04	1.4	02	1.0
1945	07	3.3	04	0.3	05	2.4	-01	- 3.9	01	- 1.6	-02	- 3.0
1946	08	4.3	06	2.3	02	- 0.6	05	2.1	-02	- 4.6	02	1.0
1947	-03	- 6.7	04	0.3	02	- 0.6	03	0.1	05	2.4	00	- 1.0
1948	05	1.3	00	- 3.7	01	- 1.6	-03	- 5.9	00	- 2.6	00	- 1.0
1949	04	0.3	04	0.3	07	4.4	00	- 2.9	01	- 1.6	-01	- 2.0
1950	-04	- 7.7	00	- 3.7	05	2.4	01	- 1.9	03	0.4	02	1.0
1951	04	0.3	04	0.3	01	- 1.6	05	2.1	03	0.4	00	- 1.0
1952	03	- 0.7	06	2.3	03	0.4	05	2.1	01	- 1.6	04	3.0
1953	04	0.3	06	2.3	01	- 1.6	07	4.1	05	2.4	02	1.0
1954	00	- 3.7	04	0.3	03	0.4	-02	- 4.9	08	5.4	02	1.0
1955	09	5.3	02	- 1.7	04	1.4	04	1.1	05	2.4	-01	- 2.0
1956	-03	- 6.7	02	- 1.7	03	0.4	04	1.1	06	3.4	01	0.0
1957	03	- 0.7	04	0.3	02	- 0.6	07	4.1	04	1.4	00	- 1.0
MEAN 1926-57		3.7		3.7		2.6		2.9		2.6		1.0
RMS		3.64		2.70		1.88		2.52		2.30		1.45
MEAN 1926-35		4.8		3.8		2.5		2.3		2.1		1.3
MEAN 1936-45		4.0		4.0		2.4		3.4		2.1		0.9
MEAN 1946-55		3.0		3.6		2.9		2.5		2.9		1.0

LOC 25	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	00	- 0.8	00	- 1.3	05	3.3	03	- 0.7	05	0.2	00	- 4.8
1927	00	- 0.8	00	- 1.3	02	0.3	01	- 2.7	03	- 1.8	09	4.2
1928	03	2.2	02	0.7	02	0.3	04	0.3	05	0.2	07	2.2
1929	02	1.2	02	0.7	04	2.3	05	1.3	09	4.2	06	1.2
1930	01	0.2	-01	- 2.3	-03	- 4.7	04	0.3	05	0.2	07	2.2
1931	-04	- 4.8	03	1.7	01	- 0.7	04	0.3	06	1.2	03	- 1.8
1932	00	- 0.8	01	- 0.3	02	0.3	05	1.3	01	- 3.8	09	4.2
1933	01	0.2	03	1.7	-01	- 2.7	04	0.3	04	- 0.8	-05	- 9.8
1934	-01	- 1.8	01	- 0.3	03	1.3	04	0.3	03	- 1.8	07	2.2
1935	04	3.2	-02	- 3.3	03	1.3	00	- 3.7	03	- 1.8	07	2.2
1936	-02	- 2.8	-01	- 2.3	02	0.3	05	1.3	05	0.2	05	0.2
1937	03	2.2	02	0.7	03	1.3	06	2.3	03	- 1.8	01	- 3.8
1938	00	- 0.8	05	3.7	02	0.3	05	1.3	03	- 1.8	09	4.2
1939		.		.		.		.		.		.
1940		.		.		.	04	0.3	03	- 1.8	03	- 1.8
1941	01	0.2	-01	- 2.3	00	- 1.7	02	- 1.7		.		.
1942		.	05	3.7	03	1.3	00	- 3.7	00	- 4.8	05	0.2
1943	02	1.2	02	0.7	04	2.3	07	3.3	09	4.2	09	4.2
1944	04	3.2	01	- 0.3	00	- 1.7	01	- 2.7	09	4.2	10	5.2
1945	-02	- 2.8	02	0.7	02	0.3	04	0.3	00	- 4.8	06	1.2
1946	00	- 0.8	01	- 0.3	01	- 0.7	05	1.3	01	- 3.8	01	- 3.8
1947	02	1.2	01	- 0.3	00	- 1.7	03	- 0.7	07	2.2	05	0.2
1948	02	1.2	03	1.7	01	- 0.7	05	1.3	08	3.2	05	0.2
1949	01	0.2	02	0.7	03	1.3	04	0.3	09	4.2	05	0.2
1950	03	2.2	04	2.7	02	0.3	05	1.3	-01	- 5.8	02	- 2.8
1951	02	1.2	00	- 1.3	-01	- 2.7	07	3.3	06	1.2	04	- 0.8
1952	01	0.2	-02	- 3.3	-01	- 2.7	03	- 0.7	10	5.2	06	1.2
1953	00	- 0.8	01	- 0.3	01	- 0.7	03	- 0.7	07	2.2	11	6.2
1954	-01	- 1.8	03	1.7	05	3.3	02	- 1.7	06	1.2	02	- 2.8
1955	02	1.2	00	- 1.3	01	- 0.7	03	- 0.7	04	- 0.8	00	- 4.8
1956	00	- 0.8	-02	- 3.3	04	2.3	02	- 1.7	05	0.2	03	- 1.8
1957	-02	- 2.8	03	1.7	00	- 1.7	04	0.3	07	2.2	03	- 1.8
MEAN 1926-57		0.8		1.3		1.7		3.7		4.8		4.8
RMS		1.90		1.93		1.90		1.76		2.97		3.52
MEAN 1926-35		0.6		0.9		1.8		3.4		4.4		5.0
MEAN 1936-45		0.9		1.9		2.0		3.8		4.0		6.0
MEAN 1946-55		1.2		1.3		1.2		4.0		5.7		4.1

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 26	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	05	2.8	06	4.0	05	4.9	04	3.9	05	3.9	00	- 0.1
1927	01	- 1.2	07	5.0	-03	- 3.1	-02	- 2.1	02	0.9	01	0.9
1928	03	0.8	04	2.0	03	2.9	04	3.9	04	2.9	00	- 0.1
1929	00	- 2.2	00	- 2.0	-04	- 4.1	00	- 0.1	02	0.9	01	0.9
1930	06	3.8	00	- 2.0	-03	- 3.1	01	0.9	00	- 1.1	00	- 0.1
1931	08	5.8	02	0.0	06	5.9	02	1.9	01	- 0.1	01	0.9
1932	-03	- 5.2	-04	- 6.0	04	3.9	03	2.9	01	- 0.1	01	0.9
1933	-04	- 6.2	02	0.0	02	1.9	-01	- 1.1	-01	- 2.1	-03	- 3.1
1934	00	- 2.2	08	6.0	04	3.9	00	- 0.1	01	- 0.1	02	1.9
1935	04	1.8	04	2.0	-02	- 2.1	01	0.9	01	- 0.1	01	0.9
1936	06	3.8	03	1.0	-02	- 2.1	-01	- 1.1	01	- 0.1	00	- 0.1
1937	-04	- 6.2	-06	- 8.0	03	2.9	-02	- 2.1	03	1.9	02	1.9
1938	01	- 1.2	05	3.0	00	- 0.1	02	1.9	00	- 1.1	02	1.9
1939	-01	- 3.2	01	- 1.0	-02	- 2.1	-01	- 1.1	00	- 1.1	00	- 0.1
1940	.		.		.		.		.		.	
1941	11	8.8	06	4.0	05	4.9	-01	- 1.1	-03	- 4.1	00	- 0.1
1942	05	2.8	05	3.0	00	- 0.1	-04	- 4.1	00	- 1.1	-01	- 1.1
1943	11	8.8	06	4.0	-01	- 1.1	03	2.9	00	- 1.1	01	0.9
1944	03	0.8	00	- 2.0	-02	- 2.1	02	1.9	01	- 0.1	-01	- 1.1
1945	08	5.8	01	- 1.0	-04	- 4.1	01	0.9	01	- 0.1	00	- 0.1
1946	-01	- 3.2	00	- 2.0	-02	- 2.1	-03	- 3.1	02	0.9	00	- 0.1
1947	-02	- 4.2	08	6.0	01	0.9	02	1.9	02	0.9	00	- 0.1
1948	00	- 2.2	03	1.0	-03	- 3.1	-04	- 4.1	02	0.9	00	- 0.1
1949	-02	- 4.2	01	- 1.0	01	0.9	01	0.9	-01	- 2.1	-03	- 3.1
1950	01	- 1.2	00	- 2.0	04	3.9	00	- 0.1	00	- 1.1	02	1.9
1951	01	- 1.2	00	- 2.0	00	- 0.1	01	0.9	02	0.9	02	1.9
1952	00	- 2.2	01	- 1.0	-04	- 4.1	00	- 0.1	00	- 1.1	-03	- 3.1
1953	05	2.8	02	0.0	-01	- 1.1	00	- 0.1	01	- 0.1	-02	- 2.1
1954	02	- 0.2	03	1.0	-03	- 3.1	-01	- 1.1	03	1.9	01	0.9
1955	00	- 2.2	-04	- 6.0	-01	- 1.1	-04	- 4.1	01	- 0.1	-03	- 3.1
1956	04	1.8	-02	- 4.0	00	- 0.1	00	- 0.1	02	0.9	00	- 0.1
1957	01	- 1.2	00	- 2.0	02	1.9	01	0.9	02	0.9	01	0.9
MEAN 1926-57		2.2		2.0		0.1		0.1		1.1		0.1
RMS		3.97		3.45		2.99		2.17		1.54		1.53
MEAN 1926-35		2.0		2.9		1.2		1.2		1.6		0.4
MEAN 1936-45		4.4		2.3		- 0.3		- 0.1		0.3		0.3
MEAN 1946-55		0.4		1.4		- 0.8		- 0.8		1.2		- 0.6

LOC 26	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	00	1.7	-01	1.4	00	0.9	03	2.9	05	3.6	00	- 1.3
1927	00	1.7	00	2.4	01	1.9	-01	- 1.1	00	- 1.4	01	- 0.3
1928	-02	- 0.3	-03	- 0.6	-03	- 2.1	-01	- 1.1	00	- 1.4	02	0.7
1929	-05	- 3.3	-03	- 0.6	01	1.9	01	0.9	00	- 1.4	00	- 1.3
1930	-02	- 0.3	-03	- 0.6	-03	- 2.1	01	0.9	00	- 1.4	01	- 0.3
1931	-01	0.7	-02	0.4	-03	- 2.1	-01	- 1.1	-01	- 2.4	-03	- 4.3
1932	-05	- 3.3	-02	0.4	-03	- 2.1	00	- 0.1	00	- 1.4	02	0.7
1933	00	1.7	-01	1.4	-01	- 0.1	02	1.9	00	- 1.4	05	3.7
1934	-04	- 2.3	-02	0.4	00	0.9	03	2.9	03	1.6	03	1.7
1935	-02	- 0.3	-04	- 1.6	00	0.9	-02	- 2.1	03	1.6	09	7.7
1936	-03	- 1.3	01	3.4	-01	- 0.1	02	1.9	01	- 0.4	-04	- 5.3
1937	00	1.7	-03	- 0.6	01	1.9	04	3.9	01	- 0.4	03	1.7
1938	-01	0.7	-04	- 1.6	00	0.9	01	0.9	-02	- 3.4	03	1.7
1939		•		•		•		•		•		•
1940		•		•		•	02	1.9	02	0.6	06	4.7
1941	-01	0.7	-01	1.4	01	1.9	01	0.9	05	3.6	03	1.7
1942	-01	0.7	-01	1.4	01	1.9	00	- 0.1	04	2.6	05	3.7
1943	-01	0.7	-05	- 2.6	-02	- 1.1	00	- 0.1	06	4.6	-01	- 2.3
1944	00	1.7	-04	- 1.6	00	0.9	00	- 0.1	01	- 0.4	03	1.7
1945	00	1.7	-04	- 1.6	-02	- 1.1	-04	- 4.1	-03	- 4.4	03	1.7
1946	-01	0.7	-03	- 0.6	00	0.9	-05	- 5.1	01	- 0.4	-01	- 2.3
1947	-01	0.7	-04	- 1.6	-02	- 1.1	00	- 0.1	02	0.6	00	- 1.3
1948	-03	- 1.3	-04	- 1.6	-05	- 4.1	-02	- 2.1	-01	- 2.4	-03	- 4.3
1949	-03	- 1.3	-02	0.4	00	0.9	-01	- 1.1	02	0.6	-01	- 2.3
1950	00	1.7	00	2.4	00	0.9	01	0.9	01	- 0.4	05	3.7
1951	-03	- 1.3	00	2.4	00	0.9	01	0.9	05	3.6	-02	- 3.3
1952	-02	- 0.3	-04	- 1.6	00	0.9	00	- 0.1	00	- 1.4	04	2.7
1953	-01	0.7	-04	- 1.6	-02	- 1.1	-01	- 1.1	02	0.6	02	0.7
1954	-03	- 1.3	-03	- 0.6	-03	- 2.1	01	0.9	04	2.6	-03	- 4.3
1955	-03	- 1.3	-03	- 0.6	-01	- 0.1	00	- 0.1	03	1.6	01	- 0.3
1956	00	1.7	-01	1.4	-02	- 1.1	-05	- 5.1	-02	- 3.4	02	0.7
1957	-02	- 0.3	-01	1.4	02	2.9	02	1.9	00	- 1.4	-05	- 6.3
MEAN 1926-57		- 1.7		- 2.4		- 0.9		0.1		1.4		1.3
RMS		1.49		1.56		1.66		2.13		2.26		3.19
MEAN 1926-35		- 2.1		- 2.1		- 1.1		0.5		1.0		2.0
MEAN 1936-45		- 0.9		- 2.6		- 0.3		0.7		1.7		2.3
MEAN 1946-55		- 2.0		- 2.7		- 1.3		- 0.6		1.9		0.2

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 27	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	04	1.9	03	1.7	05	5.0	04	4.1	04	3.2	00	0.7
1927	02	- 0.1	07	5.7	-01	- 1.0	-03	- 2.9	00	- 0.8	00	0.7
1928	05	2.9	04	2.7	02	2.0	02	2.1	03	2.2	-02	- 1.3
1929	00	- 2.1	-01	- 2.3	-03	- 3.0	00	0.1	00	- 0.8	02	2.7
1930	05	2.9	01	- 0.3	-02	- 2.0	02	2.1	00	- 0.8	-01	- 0.3
1931	07	4.9	01	- 0.3	03	3.0	02	2.1	00	- 0.8	02	2.7
1932	-03	- 5.1	-05	- 6.3	05	5.0	05	5.1	01	0.2	01	1.7
1933	-07	- 9.1	00	- 1.3	02	2.0	-01	- 0.9	01	0.2	-02	- 1.3
1934	02	- 0.1	09	7.7	03	3.0	01	1.1	00	- 0.8	-01	- 0.3
1935	05	2.9	02	0.7	-04	- 4.0	-01	- 0.9	01	0.2	01	1.7
1936	06	3.9	02	0.7	-03	- 3.0	01	1.1	01	0.2	01	1.7
1937	-04	- 6.1	-02	- 3.3	05	5.0	-02	- 1.9	02	1.2	03	3.7
1938	03	0.9	06	4.7	-01	- 1.0	02	2.1	00	- 0.8	00	0.7
1939	-01	- 3.1	-01	- 2.3	00	0.0	00	0.1	00	- 0.8	-02	- 1.3
1940		.		.		.		.		.		.
1941	09	6.9	05	3.7	01	1.0	00	0.1	-02	- 2.8	-01	- 0.3
1942	06	3.9	02	0.7	00	0.0	-02	- 1.9	01	0.2	-01	- 0.3
1943	07	4.9	05	3.7	00	0.0	01	1.1	-01	- 1.8	-01	- 0.3
1944	01	- 1.1	-02	- 3.3	-01	- 1.0	-01	- 0.9	-01	- 1.8	-03	- 2.3
1945	08	5.9	01	- 0.3	-02	- 2.0	-02	- 1.9	01	0.2	-03	- 2.3
1946	-02	- 4.1	01	- 0.3	-04	- 4.0	-03	- 2.9	02	1.2	-02	- 1.3
1947	-02	- 4.1	09	7.7	02	2.0	00	0.1	02	1.2	00	0.7
1948	00	- 2.1	00	- 1.3	-01	- 1.0	-03	- 2.9	03	2.2	-02	- 1.3
1949	-02	- 4.1	00	- 1.3	03	3.0	00	0.1	00	- 0.8	-05	- 4.3
1950	00	- 2.1	01	- 0.3	02	2.0	00	0.1	00	- 0.8	02	2.7
1951	02	- 0.1	00	- 1.3	-03	- 3.0	00	0.1	02	1.2	-01	- 0.3
1952	00	- 2.1	00	- 1.3	-04	- 4.0	01	1.1	00	- 0.8	-02	- 1.3
1953	05	2.9	01	- 0.3	-02	- 2.0	01	1.1	00	- 0.8	-03	- 2.3
1954	03	0.9	01	- 0.3	-04	- 4.0	-03	- 2.9	02	1.2	01	1.7
1955	01	- 1.1	-05	- 6.3	-02	- 2.0	-04	- 3.9	-01	- 1.8	-03	- 2.3
1956	08	5.9	-02	- 3.3	00	0.0	00	0.1	00	- 0.8	-01	- 0.3
1957	-02	- 4.1	-03	- 4.3	03	3.0	00	0.1	03	2.2	01	1.7
MEAN 1926-57		2.1		1.3		- 0.0		- 0.1		0.8		- 0.7
RMS		3.99		3.48		2.82		2.07		1.38		1.85
MEAN 1926-35		2.0		2.1		1.0		1.1		1.0		0.0
MEAN 1936-45		3.9		1.7		- 0.1		- 0.3		0.1		- 0.8
MEAN 1946-55		0.5		0.8		- 1.3		- 1.1		1.0		- 1.5

LOC 27	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	02	4.1	-01	1.5	02	3.1	03	2.5	05	3.7	00	- 1.4
1927	-02	0.1	-02	0.5	-01	0.1	-01	- 1.5	-01	- 2.3	00	- 1.4
1928	-02	0.1	-02	0.5	-02	- 0.9	-02	- 2.5	04	2.7	03	1.6
1929	-03	- 0.9	-01	1.5	-01	0.1	01	0.5	01	- 0.3	02	0.6
1930	-02	0.1	-01	1.5	-02	- 0.9	01	0.5	00	- 1.3	02	0.6
1931	-01	1.1	-01	1.5	-03	- 1.9	00	- 0.5	-02	- 3.3	00	- 1.4
1932	-03	- 0.9	-04	- 1.5	-01	0.1	00	- 0.5	-01	- 2.3	02	0.6
1933	00	2.1	00	2.5	-03	- 1.9	02	1.5	00	- 1.3	06	4.6
1934	-04	- 1.9	-02	0.5	-02	- 0.9	02	1.5	02	0.7	02	0.6
1935	-03	- 0.9	-04	- 1.5	-01	0.1	-01	- 1.5	00	- 1.3	06	4.6
1936	-02	0.1	-01	1.5	-03	- 1.9	00	- 0.5	02	0.7	-04	- 5.4
1937	-01	1.1	-05	- 2.5	00	1.1	03	2.5	01	- 0.3	02	0.6
1938	-02	0.1	-04	- 1.5	01	2.1	03	2.5	-01	- 2.3	03	1.6
1939		•		•		•		•		•		•
1940		•		•		•	02	1.5	04	2.7	06	4.6
1941	-02	0.1	-01	1.5	-02	- 0.9	-03	- 3.5	01	- 0.3	01	- 0.4
1942	-02	0.1	-01	1.5	02	3.1	00	- 0.5	04	2.7	06	4.6
1943	-04	- 1.9	-05	- 2.5	-01	0.1	01	0.5	05	3.7	00	- 1.4
1944	-03	- 0.9	-05	- 2.5	-02	- 0.9	02	1.5	00	- 1.3	04	2.6
1945	-01	1.1	-03	- 0.5	-01	0.1	-02	- 2.5	-03	- 4.3	04	2.6
1946	-03	- 0.9	-02	0.5	00	1.1	-03	- 3.5	02	0.7	00	- 1.4
1947	-03	- 0.9	-05	- 2.5	-01	0.1	01	0.5	00	- 1.3	00	- 1.4
1948	-04	- 1.9	-05	- 2.5	-02	- 0.9	-02	- 2.5	-05	- 6.3	-06	- 7.4
1949	-03	- 0.9	-02	0.5	00	1.1	00	- 0.5	03	1.7	-02	- 3.4
1950	00	2.1	01	3.5	00	1.1	02	1.5	01	- 0.3	06	4.6
1951	-03	- 0.9	-02	0.5	00	1.1	02	1.5	04	2.7	-03	- 4.4
1952	-05	- 2.9	-03	- 0.5	-03	- 1.9	04	3.5	01	- 0.3	06	4.6
1953	00	2.1	-03	- 0.5	-01	0.1	03	2.5	02	0.7	-01	- 2.4
1954	-02	0.1	-04	- 1.5	-04	- 2.9	03	2.5	05	3.7	-03	- 4.4
1955	-04	- 1.9	-03	- 0.5	-01	0.1	-01	- 1.5	05	3.7	02	0.6
1956	00	2.1	00	2.5	-03	- 1.9	-06	- 6.5	00	- 1.3	01	- 0.4
1957	-02	0.1	-03	- 0.5	02	3.1	03	2.5	00	- 1.3	-01	- 2.4
MEAN 1926-57		- 2.1		- 2.5		- 1.1		0.5		1.3		1.4
RMS		1.53		1.70		1.56		2.29		2.49		3.19
MEAN 1926-35		- 1.8		- 1.8		- 1.4		0.5		0.8		2.3
MEAN 1936-45		- 2.1		- 3.1		- 0.8		0.7		1.4		2.4
MEAN 1946-55		- 2.7		- 2.8		- 1.2		0.9		1.8		- 0.1

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 28	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	09	5.5	05	1.1	10	7.0	03	0.2	03	- 1.0	02	- 1.0
1927	01	- 2.5	07	3.1	05	2.0	01	- 1.8	04	0.0	05	2.0
1928	05	1.5	07	3.1	02	- 1.0	06	3.2	06	2.0	05	2.0
1929	05	1.5	10	6.1	06	3.0	03	0.2	07	3.0	02	- 1.0
1930	00	- 3.5	04	0.1	04	1.0	00	- 2.8	05	1.0	03	0.0
1931	09	5.5	09	5.1	03	0.0	-01	- 3.8	05	1.0	02	- 1.0
1932	04	0.5	00	- 3.9	04	1.0	03	0.2	05	1.0	04	1.0
1933	03	- 0.5	04	0.1	03	0.0	06	3.2	01	- 3.0	02	- 1.0
1934	05	1.5	05	1.1	03	0.0	04	1.2	02	- 2.0	04	1.0
1935	-01	- 4.5	05	1.1	00	- 3.0	04	1.2	05	1.0	01	- 2.0
1936	07	3.5	01	- 2.9	05	2.0	00	- 2.8	07	3.0	-02	- 5.0
1937	-01	- 4.5	00	- 3.9	-01	- 4.0	01	- 1.8	04	0.0	02	- 1.0
1938	05	1.5	-01	- 4.9	04	1.0	04	1.2	07	3.0	06	3.0
1939	05	1.5	07	3.1	02	- 1.0	02	- 0.8	03	- 1.0	02	- 1.0
1940		.		.		•		•		•		•
1941	04	0.5	05	1.1	09	6.0	06	3.2	03	- 1.0	04	1.0
1942	06	2.5	09	5.1	04	1.0	03	0.2	01	- 3.0	05	2.0
1943	05	1.5	05	1.1	-01	- 4.0	05	2.2	02	- 2.0	03	0.0
1944	10	6.5	04	0.1	04	1.0	02	- 0.8	07	3.0	04	1.0
1945	09	5.5	07	3.1	02	- 1.0	03	0.2	02	- 2.0	05	2.0
1946	05	1.5	04	0.1	04	1.0	07	4.2	03	- 1.0	01	- 2.0
1947	00	- 3.5	04	0.1	02	- 1.0	04	1.2	06	2.0	04	1.0
1948	06	2.5	01	- 2.9	-01	- 4.0	-08	-10.8	00	- 4.0	05	2.0
1949	08	4.5	-01	- 4.9	03	0.0	01	- 1.8	01	- 3.0	04	1.0
1950	-04	- 7.5	-03	- 6.9	05	2.0	00	- 2.8	06	2.0	02	- 1.0
1951	00	- 3.5	01	- 2.9	01	- 2.0	07	4.2	05	1.0	07	4.0
1952	-04	- 7.5	04	0.1	01	- 2.0	03	0.2	01	- 3.0	02	- 1.0
1953	03	- 0.5	09	5.1	02	- 1.0	04	1.2	03	- 1.0	02	- 1.0
1954	-01	- 4.5	04	0.1	00	- 3.0	02	- 0.8	03	- 1.0	03	0.0
1955	08	4.5	05	1.1	04	1.0	02	- 0.8	08	4.0	04	1.0
1956	-03	- 6.5	00	- 3.9	03	0.0	05	2.2	09	5.0	01	- 2.0
1957	01	- 2.5	01	- 2.9	02	- 1.0	04	1.2	00	- 4.0	00	- 3.0
MEAN 1926-57		3.5		3.9		3.0		2.8		4.0		3.0
RMS		4.00		3.35		2.54		2.90		2.45		1.89
MEAN 1926-35		4.0		5.6		4.0		2.9		4.3		3.0
MEAN 1936-45		5.6		4.1		3.1		2.9		4.0		3.2
MEAN 1946-55		2.1		2.8		2.1		2.2		3.6		3.4

LOC 28	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	01	- 1.6	03	0.1	04	- 0.3	05	- 0.3	03	- 1.2	08	4.7
1927	05	2.4	05	2.1	04	- 0.3	05	- 0.3	00	- 4.2	05	1.7
1928	06	3.4	06	3.1	07	2.7	06	0.7	06	1.8	09	5.7
1929	02	- 0.6	02	- 0.9	08	3.7	11	5.7	09	4.8	01	- 2.3
1930	03	0.4	01	- 1.9	04	- 0.3	02	- 3.3	08	3.8	07	3.7
1931	05	2.4	03	0.1	03	- 1.3	08	2.7	07	2.8	-02	- 5.3
1932	02	- 0.6	05	2.1	05	0.7	07	1.7	03	- 1.2	06	2.7
1933	03	0.4	03	0.1	02	- 2.3	04	- 1.3	07	2.8	-06	- 9.3
1934	00	- 2.6	03	0.1	05	0.7	07	1.7	03	- 1.2	04	0.7
1935	04	1.4	03	0.1	03	- 1.3	01	- 4.3	04	- 0.2	05	1.7
1936	-01	- 3.6	02	- 0.9	05	0.7	07	1.7	09	4.8	04	0.7
1937	06	3.4	02	- 0.9	04	- 0.3	07	1.7	00	- 4.2	02	- 1.3
1938	03	0.4	01	- 1.9	05	0.7	07	1.7	06	1.8	08	4.7
1939		.		.		.		.		.		.
1940		.		.		.	05	- 0.3	02	- 2.2	03	- 0.3
1941	03	0.4	00	- 2.9	03	- 1.3	06	0.7	00	- 4.2	04	0.7
1942	01	- 1.6	04	1.1	02	- 2.3	06	0.7	00	- 4.2	-02	- 5.3
1943	05	2.4	02	- 0.9	06	1.7	07	1.7	08	3.8	10	6.7
1944	05	2.4	03	0.1	03	- 1.3	05	- 0.3	04	- 0.2	05	1.7
1945	04	1.4	04	1.1	04	- 0.3	07	1.7	01	- 3.2	01	- 2.3
1946	03	0.4	03	0.1	01	- 3.3	06	0.7	00	- 4.2	00	- 3.3
1947	01	- 1.6	03	0.1	04	- 0.3	03	- 2.3	08	3.8	08	4.7
1948	03	0.4	01	- 1.9	02	- 2.3	10	4.7	05	0.8	02	- 1.3
1949	02	- 0.6	01	- 1.9	06	1.7	05	- 0.3	04	- 0.2	02	- 1.3
1950	02	- 0.6	02	- 0.9	07	2.7	01	- 4.3	-04	- 8.2	00	- 3.3
1951	00	- 2.6	05	2.1	04	- 0.3	02	- 3.3	02	- 2.2	00	- 3.3
1952	05	2.4	02	- 0.9	05	0.7	06	0.7	09	4.8	06	2.7
1953	02	- 0.6	03	0.1	04	- 0.3	05	- 0.3	03	- 1.2	10	6.7
1954	01	- 1.6	03	0.1	03	- 1.3	07	1.7	06	1.8	02	- 1.3
1955	01	- 1.6	06	3.1	05	0.7	04	- 1.3	00	- 4.2	-04	- 7.3
1956	01	- 1.6	04	1.1	05	0.7	00	- 5.3	08	3.8	03	- 0.3
1957	01	- 1.6	02	- 0.9	07	2.7	03	- 2.3	09	4.8	01	- 2.3
MEAN 1926-57		2.6		2.9		4.3		5.3		4.2		3.3
RMS		1.88		1.49		1.67		2.51		3.53		3.99
MEAN 1926-35		3.1		3.4		4.5		5.6		5.0		3.7
MEAN 1936-45		3.3		2.3		4.0		6.3		3.3		3.9
MEAN 1946-55		2.0		2.9		4.1		4.9		3.3		2.6

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 29	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	06	0.5	08	3.4	04	- 1.0	04	- 0.2	09	5.4	02	- 1.1
1927	05	- 0.5	08	3.4	08	3.0	03	- 1.2	05	1.4	02	- 1.1
1928	08	2.5	04	- 0.6	07	2.0	07	2.8	06	2.4	01	- 2.1
1929	01	- 4.5	00	- 4.6	05	0.0	05	0.8	01	- 2.6	05	1.9
1930	02	- 3.5	07	2.4	01	- 4.0	04	- 0.2	06	2.4	03	- 0.1
1931	08	2.5	05	0.4	06	1.0	05	0.8	01	- 2.6	05	1.9
1932	08	2.5	04	- 0.6	07	2.0	07	2.8	06	2.4	04	0.9
1933	08	2.5	06	1.4	06	1.0	04	- 0.2	07	3.4	04	0.9
1934	09	3.5	05	0.4	02	- 3.0	02	- 2.2	05	1.4	04	0.9
1935	04	- 1.5	05	0.4	05	0.0	01	- 3.2	02	- 1.6	04	0.9
1936	06	0.5	00	- 4.6	04	- 1.0	03	- 1.2	05	1.4	03	- 0.1
1937	02	- 3.5	06	1.4	05	0.0	08	3.8	05	1.4	03	- 0.1
1938	06	0.5	06	1.4	06	1.0	06	1.8	02	- 1.6	02	- 1.1
1939	07	1.5	07	2.4	04	- 1.0	04	- 0.2	04	0.4	04	0.9
1940		.		.		.		.		.		.
1941	10	4.5	01	- 3.6	03	- 2.0	05	0.8	02	- 1.6	05	1.9
1942	04	- 1.5	02	- 2.6	03	- 2.0	01	- 3.2	04	0.4		.
1943	03	- 2.5	02	- 2.6	01	- 4.0	05	0.8	02	- 1.6	03	- 0.1
1944	06	0.5	05	0.4	02	- 3.0	06	1.8	01	- 2.6	03	- 0.1
1945	07	1.5	06	1.4	11	6.0	02	- 2.2	01	- 2.6	03	- 0.1
1946	06	0.5	05	0.4	08	3.0	05	0.8	00	- 3.6	03	- 0.1
1947	01	- 4.5	05	0.4	03	- 2.0	04	- 0.2	01	- 2.6	03	- 0.1
1948	04	- 1.5	05	0.4	05	0.0	05	0.8	07	3.4	00	- 3.1
1949	03	- 2.5	06	1.4	03	- 2.0	06	1.8	02	- 1.6	00	- 3.1
1950	02	- 3.5	07	2.4	09	4.0	05	0.8	04	0.4	03	- 0.1
1951	08	2.5	04	- 0.6	05	0.0	01	- 3.2	03	- 0.6	00	- 3.1
1952	07	1.5	05	0.4	08	3.0	05	0.8	03	- 0.6	04	0.9
1953	08	2.5	09	4.4	07	2.0	03	- 1.2	05	1.4	03	- 0.1
1954	06	0.5	05	0.4	01	- 4.0	01	- 3.2	02	- 1.6	06	2.9
1955	06	0.5	01	- 3.6	03	- 2.0	08	3.8	05	1.4	03	- 0.1
1956	09	3.5	06	1.4	06	1.0	02	- 2.2	02	- 1.6	04	0.9
1957	-01	- 6.5	-01	- 5.6	06	1.0	03	- 1.2	03	- 0.6	03	- 0.1
MEAN 1926-57		5.5		4.6		5.0		4.2		3.6		3.1
RMS		2.77		2.50		2.48		2.01		2.22		1.46
MEAN 1926-35		5.9		5.2		5.1		4.2		4.8		3.4
MEAN 1936-45		5.7		3.9		4.3		4.4		2.9		3.3
MEAN 1946-55		5.1		5.2		5.2		4.3		3.2		2.5

LOC 29	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	04	1.9	02	0.5	00	- 1.9	06	1.6	05	- 0.5	08	1.4
1927	00	- 2.1	01	- 0.5	04	2.1	05	0.6	06	0.5	03	- 3.6
1928	01	- 1.1	01	- 0.5	02	0.1	05	0.6	09	3.5	09	2.4
1929	02	- 0.1	03	1.5	00	- 1.9	04	- 0.4	02	- 3.5	05	- 1.6
1930	-01	- 3.1	02	0.5	03	1.1	05	0.6	05	- 0.5	10	3.4
1931	01	- 1.1	02	0.5	04	2.1	06	1.6	02	- 3.5	10	3.4
1932	03	0.9	01	- 0.5	01	- 0.9	03	- 1.4	07	1.5	09	2.4
1933	03	0.9	02	0.5	05	3.1	05	0.6	05	- 0.5	08	1.4
1934	02	- 0.1	00	- 1.5	01	- 0.9	05	0.6	09	3.5	07	0.4
1935	02	- 0.1	00	- 1.5	00	- 1.9	02	- 2.4	03	- 2.5	09	2.4
1936	04	1.9	03	1.5	00	- 1.9	00	- 4.4	02	- 3.5	08	1.4
1937	02	- 0.1	02	0.5	02	0.1	06	1.6	06	0.5	06	- 0.6
1938	01	- 1.1	01	- 0.5	03	1.1	07	2.6	03	- 2.5	07	0.4
1939		.		.		.		.		.		.
1940		.		.		.	06	1.6	04	- 1.5	05	- 1.6
1941	01	- 1.1	01	- 0.5	02	0.1	04	- 0.4	04	- 1.5	08	1.4
1942	02	- 0.1	02	0.5	02	0.1	01	- 3.4	05	- 0.5	06	- 0.6
1943	03	0.9	02	0.5	02	0.1	05	0.6	05	- 0.5	04	- 2.6
1944	02	- 0.1	00	- 1.5	03	1.1	01	- 3.4	08	2.5	01	- 5.6
1945	04	1.9	00	- 1.5	00	- 1.9	04	- 0.4	08	2.5	05	- 1.6
1946	03	0.9	01	- 0.5	04	2.1	03	- 1.4	02	- 3.5	02	- 4.6
1947	04	1.9	00	- 1.5	01	- 0.9	09	4.6	05	- 0.5	06	- 0.6
1948	01	- 1.1	02	0.5	04	2.1	02	- 2.4	08	2.5	10	3.4
1949	02	- 0.1	02	0.5	02	0.1	05	0.6	06	0.5	07	0.4
1950	03	0.9	03	1.5	04	2.1	07	2.6	05	- 0.5	05	- 1.6
1951	02	- 0.1	02	0.5	02	0.1	05	0.6	07	1.5	05	- 1.6
1952	00	- 2.1	02	0.5	01	- 0.9	00	- 4.4	04	- 1.5	10	3.4
1953	01	- 1.1	01	- 0.5	01	- 0.9	06	1.6	10	4.5	08	1.4
1954	02	- 0.1	02	0.5	00	- 1.9	05	0.6	08	2.5	05	- 1.6
1955	03	0.9	02	0.5	02	0.1	06	1.6	08	2.5	03	- 3.6
1956	02	- 0.1	03	1.5	00	- 1.9	06	1.6	05	- 0.5	07	0.4
1957	04	1.9	01	- 0.5	01	- 0.9	02	- 2.4	05	- 0.5	09	2.4
MEAN 1926-57		2.1		1.5		1.9		4.4		5.5		6.6
RMS		1.30		0.94		1.50		2.16		2.25		2.46
MEAN 1926-35		1.7		1.4		2.0		4.6		5.3		7.8
MEAN 1936-45		2.4		1.4		1.8		3.8		5.0		5.6
MEAN 1946-55		2.1		1.7		2.1		4.8		6.3		6.1

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 30	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	03	1.4	07	5.8	-01	- 0.9	02	2.3	02	3.5	-02	0.9
1927	04	2.4	07	5.8	-03	- 2.9	-01	- 0.7	-04	- 2.5	-02	0.9
1928	03	1.4	01	- 0.2	04	4.1	00	0.3	-02	- 0.5	-03	- 0.1
1929	-01	- 2.6	-02	- 3.2	-01	- 0.9	00	0.3	-02	- 0.5	-01	1.9
1930	01	- 0.6	04	2.8	-02	- 1.9	05	5.3	-03	- 1.5	-04	- 1.1
1931	07	5.4	-01	- 2.2	00	0.1	-01	- 0.7	-03	- 1.5	-02	0.9
1932	-05	- 6.6	-01	- 2.2	02	2.1	01	1.3	-03	- 1.5	-03	- 0.1
1933	-02	- 3.6	-01	- 2.2	03	3.1	-04	- 3.7	00	1.5	-02	0.9
1934	01	- 0.6	05	3.8	02	2.1	02	2.3	00	1.5	-04	- 1.1
1935	05	3.4	03	1.8	-01	- 0.9	00	0.3	-03	- 1.5	00	2.9
1936	01	- 0.6	03	1.8	-06	- 5.9	01	1.3	-01	0.5	00	2.9
1937	-05	- 6.6	03	1.8	04	4.1	00	0.3	-02	- 0.5	00	2.9
1938	02	0.4	05	3.8	02	2.1	00	0.3	-03	- 1.5	-04	- 1.1
1939	-01	- 2.6	-04	- 5.2	-02	- 1.9	-01	- 0.7	-01	0.5	-05	- 2.1
1940		.		.		.		.		.		.
1941	06	4.4	04	2.8	00	0.1	00	0.3	-02	- 0.5	-03	- 0.1
1942	02	0.4	00	- 1.2	-02	- 1.9		.	-02	- 0.5		.
1943	01	- 0.6	04	2.8	02	2.1	00	0.3	-01	0.5	-03	- 0.1
1944	04	2.4	-03	- 4.2	00	0.1	-01	- 0.7	-02	- 0.5	-04	- 1.1
1945	04	2.4	02	0.8	01	1.1	-02	- 1.7	02	3.5	-05	- 2.1
1946	03	1.4	03	1.8	-02	- 1.9	-03	- 2.7	-01	0.5	-02	0.9
1947	00	- 1.6	04	2.8	02	2.1	-02	- 1.7	00	1.5	-03	- 0.1
1948	00	- 1.6	-03	- 4.2	00	0.1	-01	- 0.7	01	2.5	-03	- 0.1
1949	-06	- 7.6	02	0.8	03	3.1	00	0.3	00	1.5	-04	- 1.1
1950	01	- 0.6	02	0.8	02	2.1	01	1.3	-05	- 3.5	-02	0.9
1951	04	2.4	01	- 0.2	-03	- 2.9	-01	- 0.7	-01	0.5	-05	- 2.1
1952	03	1.4	02	0.8	-02	- 1.9	01	1.3	00	1.5	-04	- 1.1
1953	05	3.4	-04	- 5.2	-02	- 1.9	-01	- 0.7	-01	0.5	-05	- 2.1
1954	05	3.4	02	0.8	-01	- 0.9	-01	- 0.7	-03	- 1.5	-03	- 0.1
1955	-01	- 2.6	-04	- 5.2	-05	- 4.9	-01	- 0.7	-04	- 2.5	-03	- 0.1
1956	07	5.4	-03	- 4.2	00	0.1	-02	- 1.7	-03	- 1.5	-04	- 1.1
1957	-02	- 3.6	00	- 1.2	02	2.1	-01	- 0.7	00	1.5	-01	1.9
MEAN 1926-57		1.6		1.2		- 0.1		- 0.3		- 1.5		- 2.9
RMS		3.37		3.19		2.49		1.67		1.71		1.48
MEAN 1926-35		1.6		2.2		0.3		0.4		- 1.8		- 2.3
MEAN 1936-45		1.6		1.6		- 0.1		- 0.4		- 1.3		- 3.0
MEAN 1946-55		1.4		0.5		- 0.8		- 0.8		- 1.4		- 3.4

LOC 30	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	-03	0.7	03	6.4	04	6.9	02	3.1	06	5.4	-01	- 1.8
1927	-06	- 2.3	-04	- 0.6	-03	- 0.1	00	1.1	01	0.4	-03	- 3.8
1928	-04	- 0.3	-05	- 1.6	-04	- 1.1	-03	- 1.9	02	1.4	02	1.2
1929	-03	0.7	-03	0.4	-05	- 2.1	-01	0.1	-04	- 4.6	01	0.2
1930	-03	0.7	-02	1.4	-04	- 1.1	-03	- 1.9	00	- 0.6	00	- 0.8
1931	-04	- 0.3	-03	0.4	-04	- 1.1	-03	- 1.9	-02	- 2.6	02	1.2
1932	03	6.7	-05	- 1.6	-03	- 0.1	-04	- 2.9	02	1.4	-01	- 1.8
1933	-04	- 0.3	-03	0.4	-02	0.9	-01	0.1	-02	- 2.6	06	5.2
1934	-05	- 1.3	-04	- 0.6	-05	- 2.1	01	2.1	05	4.4	-03	- 3.8
1935	-05	- 1.3	-05	- 1.6	-01	1.9	-02	- 0.9	-01	- 1.6	07	6.2
1936	-04	- 0.3	-05	- 1.6	-05	- 2.1	-03	- 1.9	-02	- 2.6	-05	- 5.8
1937	-06	- 2.3	-04	- 0.6	-03	- 0.1	00	1.1	04	3.4	00	- 0.8
1938	-03	0.7	-03	0.4	-02	0.9	01	2.1	-02	- 2.6	-03	- 3.8
1939		.		.		.		.		.		.
1940		.		.		.	03	4.1	00	- 0.6	07	6.2
1941	-05	- 1.3	-02	1.4	-05	- 2.1	-03	- 1.9	03	2.4	03	2.2
1942	00	3.7	00	3.4	-02	0.9	00	1.1	04	3.4	05	4.2
1943	-02	1.7	-03	0.4	-04	- 1.1	-02	- 0.9	00	- 0.6	-02	- 2.8
1944	-05	- 1.3	-04	- 0.6	-03	- 0.1	03	4.1	00	- 0.6	02	1.2
1945	-03	0.7	-05	- 1.6	-04	- 1.1	-03	- 1.9	00	- 0.6	05	4.2
1946	-03	0.7	-04	- 0.6	-03	- 0.1	-05	- 3.9	02	1.4	-01	- 1.8
1947	-01	2.7	-05	- 1.6	-04	- 1.1	01	2.1	-04	- 4.6	-01	- 1.8
1948	-03	0.7	-04	- 0.6	-02	0.9	-01	0.1	-04	- 4.6	-02	- 2.8
1949	-06	- 2.3	-02	1.4	-02	0.9	-05	- 3.9	06	5.4	-03	- 3.8
1950	-05	- 1.3	-01	2.4	-03	- 0.1	02	3.1	03	2.4	05	4.2
1951	-04	- 0.3	-06	- 2.6	-02	0.9	-03	- 1.9	02	1.4	-02	- 2.8
1952	-06	- 2.3	-04	- 0.6	-03	- 0.1	02	3.1	-01	- 1.6	04	3.2
1953	-04	- 0.3	-02	1.4	-03	- 0.1	-02	- 0.9	04	3.4	-03	- 3.8
1954	-05	- 1.3	-05	- 1.6	-03	- 0.1	-01	0.1	03	2.4	00	- 0.8
1955	-03	0.7	-05	- 1.6	-03	- 0.1	-01	0.1	-01	- 1.6	07	6.2
1956	-05	- 1.3	-04	- 0.6	-03	- 0.1	-02	- 0.9	-04	- 4.6	-03	- 3.8
1957	-05	- 1.3	-04	- 0.6	00	2.9	00	1.1	-01	- 1.6	01	0.2
MEAN 1926-57		- 3.7		- 3.4		- 2.9		- 1.1		0.6		0.8
RMS		1.93		1.83		1.76		2.22		2.95		3.53
MEAN 1926-35		- 3.4		- 3.1		- 2.7		- 1.4		0.7		1.0
MEAN 1936-45		- 3.5		- 3.3		- 3.5		- 0.4		0.8		1.3
MEAN 1946-55		- 4.0		- 3.8		- 2.8		- 1.3		1.0		0.4

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 31	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	03	- 0.1	04	1.2	-01	- 3.4	02	0.6	04	3.4	00	0.0
1927	02	- 1.1	07	4.2	03	0.6	01	- 0.4	03	2.4	00	0.0
1928	05	1.9	00	- 2.8	05	2.6	03	1.6	01	0.4	00	0.0
1929	00	- 3.1	-01	- 3.8	03	0.6	04	2.6	-01	- 1.6	00	0.0
1930	00	- 3.1	05	2.2	-02	- 4.4	03	1.6	00	- 0.6	-01	- 1.0
1931	05	1.9	00	- 2.8	04	1.6	00	- 1.4	-02	- 2.6	01	1.0
1932	05	1.9	02	- 0.8	06	3.6	05	3.6	01	0.4	00	0.0
1933	08	4.9	04	1.2	04	1.6	00	- 1.4	05	4.4	01	1.0
1934	05	1.9	01	- 1.8	01	- 1.4	00	- 1.4	01	0.4	00	0.0
1935	05	1.9	02	- 0.8	03	0.6	00	- 1.4	-02	- 2.6	-01	- 1.0
1936	05	1.9	02	- 0.8	01	- 1.4	00	- 1.4	01	0.4	01	1.0
1937	00	- 3.1	06	3.2	04	1.6	06	4.6	00	- 0.6	01	1.0
1938	02	- 1.1	03	0.2	04	1.6	01	- 0.4	00	- 0.6	-01	- 1.0
1939	05	1.9	03	0.2	01	- 1.4	00	- 1.4	00	- 0.6	01	1.0
1940												
1941	04	0.9	00	- 2.8	00	- 2.4	00	- 1.4	01	0.4	01	1.0
1942	01	- 2.1	00	- 2.8	00	- 2.4	-01	- 2.4	01	0.4	00	0.0
1943	00	- 3.1	01	- 1.8	02	- 0.4	02	0.6	-01	- 1.6	00	0.0
1944	01	- 2.1	01	- 1.8	00	- 2.4	03	1.6	-01	- 1.6	01	1.0
1945	02	- 1.1	04	1.2	06	3.6	01	- 0.4	02	1.4	00	0.0
1946	04	0.9	03	0.2	04	1.6	03	1.6	00	- 0.6	01	1.0
1947	02	- 1.1	01	- 1.8	01	- 1.4	00	- 1.4	00	- 0.6	00	0.0
1948	00	- 3.1	04	1.2	03	0.6	03	1.6	04	3.4	-01	- 1.0
1949	-03	- 6.1	08	5.2	-01	- 3.4	03	1.6	00	- 0.6	00	0.0
1950	02	- 1.1	06	3.2	06	3.6	04	2.6	00	- 0.6	01	1.0
1951	06	2.9	03	0.2	02	- 0.4	-01	- 2.4	-01	- 1.6	-01	- 1.0
1952	06	2.9	04	1.2	03	0.6	-01	- 2.4	03	2.4	-01	- 1.0
1953	09	5.9	04	1.2	03	0.6	00	- 1.4	01	0.4	00	0.0
1954	05	1.9	03	0.2	01	- 1.4	-01	- 2.4	00	- 0.6	-02	- 2.0
1955	02	- 1.1	01	- 1.8	01	- 1.4	04	2.6	-01	- 1.6	00	0.0
1956	05	1.9	04	1.2	04	1.6	-01	- 2.4	00	- 0.6	00	0.0
1957	-01	- 4.1	01	- 1.8	04	1.6	00	- 1.4	00	- 0.6	00	0.0
MEAN 1926-57		3.1		2.8		2.4		1.4		0.6		0.0
RMS		2.76		2.22		2.14		1.99		1.71		0.80
MEAN 1926-35		3.8		2.4		2.6		1.8		1.0		0.0
MEAN 1936-45		2.2		2.2		2.0		1.3		0.3		0.4
MEAN 1946-55		3.3		3.7		2.3		1.4		0.6		- 0.3

LOC 31	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	00	0.5	00	0.3	-01	- 0.4	02	1.1	05	2.3	04	- 0.2
1927	00	0.5	00	0.3	01	1.6	02	1.1	06	3.3	02	- 2.2
1928	00	0.5	-01	- 0.7	00	0.6	01	0.1	05	2.3	04	- 0.2
1929	-01	- 0.5	00	0.3	-02	- 1.4	-01	- 1.9	-03	- 5.7	05	0.8
1930	-01	- 0.5	00	0.3	00	0.6	00	- 0.9	02	- 0.7	03	- 1.2
1931	-02	- 1.5	00	0.3	00	0.6	02	1.1	02	- 0.7	08	3.8
1932	00	0.5	00	0.3	-02	- 1.4	00	- 0.9	05	2.3	05	0.8
1933	-02	- 1.5	-01	- 0.7	03	3.6	00	- 0.9	01	- 1.7	09	4.8
1934	00	0.5	00	0.3	-01	- 0.4	01	0.1	07	4.3	05	0.8
1935	-01	- 0.5	-01	- 0.7	00	0.6	00	- 0.9	01	- 1.7	05	0.8
1936	-01	- 0.5	01	1.3	-02	- 1.4	-04	- 4.9	-02	- 4.7	04	- 0.2
1937	00	0.5	00	0.3	-01	- 0.4	02	1.1	05	2.3	03	- 1.2
1938	00	0.5	-01	- 0.7	00	0.6	03	2.1	02	- 0.7	02	- 2.2
1939		.		.		.		.		.		.
1940		.		.		.	04	3.1	02	- 0.7	00	- 4.2
1941	00	0.5	00	0.3	00	0.6	01	0.1	02	- 0.7	04	- 0.2
1942	01	1.5	-01	- 0.7	00	0.6	01	0.1	05	2.3	07	2.8
1943	-01	- 0.5	00	0.3	-01	- 0.4	02	1.1	00	- 2.7	00	- 4.2
1944	-02	- 1.5	00	0.3	00	0.6	-01	- 1.9	04	1.3	00	- 4.2
1945	00	0.5	-01	- 0.7	-01	- 0.4	01	0.1	07	4.3	03	- 1.2
1946	00	0.5	00	0.3	00	0.6	01	0.1	02	- 0.7	01	- 3.2
1947	00	0.5	00	0.3	00	0.6	04	3.1	01	- 1.7	04	- 0.2
1948	00	0.5	00	0.3	00	0.6	-01	- 1.9	03	0.3	06	1.8
1949	00	0.5	01	1.3	-01	- 0.4	00	- 0.9	03	0.3	06	1.8
1950	00	0.5	00	0.3	-01	- 0.4	03	2.1	02	- 0.7	03	- 1.2
1951	-01	- 0.5	-02	- 1.7	-01	- 0.4	02	1.1	03	0.3	03	- 1.2
1952	-02	- 1.5	00	0.3	-01	- 0.4	-02	- 2.9	00	- 2.7	07	2.8
1953	-01	- 0.5	-01	- 0.7	-03	- 2.4	00	- 0.9	06	3.3	04	- 0.2
1954	-01	- 0.5	00	0.3	00	0.6	00	- 0.9	04	1.3	04	- 0.2
1955	00	0.5	-01	- 0.7	-01	- 0.4	02	1.1	04	1.3	04	- 0.2
1956	-01	- 0.5	-02	- 1.7	-02	- 1.4	03	2.1	-01	- 3.7	05	0.8
1957	00	0.5	00	0.3	-02	- 1.4	00	- 0.9	02	- 0.7	09	4.8
MEAN 1926-57		- 0.5		- 0.3		- 0.6		0.9		2.7		4.2
RMS		0.78		0.71		1.13		1.74		2.49		2.35
MEAN 1926-35		- 0.7		- 0.3		- 0.2		0.7		3.1		5.0
MEAN 1936-45		- 0.4		- 0.3		- 0.6		1.0		2.8		2.6
MEAN 1946-55		- 0.5		- 0.3		- 0.8		0.9		2.8		4.2

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 32	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	00	- 0.5	02	2.1	-03	- 1.8	00	1.7	-02	0.7	-04	- 0.8
1927	02	1.5	03	3.1	-01	0.2	-01	0.7	-05	- 2.3	-04	- 0.8
1928	01	0.5	-01	- 0.9	01	2.2	-02	- 0.3	-03	- 0.3	-04	- 0.8
1929	-01	- 1.5	-03	- 2.9	-02	- 0.8	-01	0.7	-05	- 2.3	-03	0.2
1930	00	- 0.5	-01	- 0.9	-01	0.2	00	1.7	-02	0.7	-03	0.2
1931	01	0.5	-02	- 1.9	-02	- 0.8	-03	- 1.3	-02	0.7	-02	1.2
1932	-02	- 2.5	-02	- 1.9	-03	- 1.8	-02	- 0.3	-04	- 1.3	-04	- 0.8
1933	00	- 0.5	-03	- 2.9	01	2.2	-04	- 2.3	-03	- 0.3	-03	0.2
1934	-02	- 2.5	02	2.1	-02	- 0.8	-01	0.7	-02	0.7	-03	0.2
1935	03	2.5	00	0.1	-01	0.2	00	1.7	-04	- 1.3	-02	1.2
1936	00	- 0.5	03	3.1	-05	- 3.8	-03	- 1.3	-01	1.7	-03	0.2
1937	01	0.5	02	2.1	01	2.2	-03	- 1.3	-04	- 1.3	-02	1.2
1938	00	- 0.5	05	5.1	01	2.2	-02	- 0.3	-05	- 2.3	-04	- 0.8
1939	-01	- 1.5	-03	- 2.9	-01	0.2	-03	- 1.3	-01	1.7	-05	- 1.8
1940		.		.		.		.		.		.
1941	04	3.5	03	3.1	-01	0.2	00	1.7	-01	1.7	-02	1.2
1942	00	- 0.5	01	1.1	-02	- 0.8	00	1.7	-02	0.7	-03	0.2
1943	00	- 0.5	01	1.1	-01	0.2	-02	- 0.3	-05	- 2.3	-04	- 0.8
1944	03	2.5	-01	- 0.9	-04	- 2.8	-01	0.7	-03	- 0.3	-03	0.2
1945	-01	- 1.5	00	0.1	01	2.2	-05	- 3.3	00	2.7	-05	- 1.8
1946	00	- 0.5	02	2.1	-02	- 0.8	-03	- 1.3	-02	0.7	-04	- 0.8
1947	-02	- 2.5	00	0.1	-01	0.2	-04	- 2.3	-02	0.7	-02	1.2
1948	-02	- 2.5	-02	- 1.9	00	1.2	00	1.7	-03	- 0.3	-03	0.2
1949	-06	- 6.5	01	1.1	01	2.2	-03	- 1.3	-01	1.7	-06	- 2.8
1950	03	2.5	-01	- 0.9	-01	0.2	-03	- 1.3	-05	- 2.3	-03	0.2
1951	02	1.5	00	0.1	-03	- 1.8	-01	0.7	-02	0.7	-05	- 1.8
1952	04	3.5	00	0.1	-02	- 0.8	-02	- 0.3	-03	- 0.3	-01	2.2
1953	01	0.5	-05	- 4.9	-01	0.2	00	1.7	-01	1.7	-02	1.2
1954	04	3.5	-01	- 0.9	02	3.2	-02	- 0.3	-04	- 1.3	-02	1.2
1955	-02	- 2.5	-03	- 2.9	-03	- 1.8	00	1.7	-05	- 2.3	-02	1.2
1956	06	5.5	-01	- 0.9	-02	- 0.8	-02	- 0.3	-03	- 0.3	-04	- 0.8
1957	-01	- 1.5	00	0.1	00	1.2	-01	0.7	00	2.7	-03	0.2
MEAN 1926-57		0.5		- 0.1		- 1.2		- 1.7		- 2.7		- 3.2
RMS		2.42		2.20		1.66		1.41		1.55		1.15
MEAN 1926-35		0.2		- 0.5		- 1.3		- 1.4		- 3.2		- 3.2
MEAN 1936-45		0.7		1.2		- 1.2		- 2.1		- 2.4		- 3.4
MEAN 1946-55		0.2		- 0.9		- 1.0		- 1.8		- 2.8		- 3.0

LOC 32	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	-04	- 0.5	04	6.8	03	5.8	-03	- 0.6	03	4.2	03	3.0
1927	-05	- 1.5	-02	0.8	-03	- 0.2	-03	- 0.6	-01	0.2	-02	- 2.0
1928	-03	0.5	-05	- 2.2	-04	- 1.2	-03	- 0.6	-01	0.2	01	1.0
1929	-03	0.5	-02	0.8	-03	- 0.2	-03	- 0.6	-04	- 2.8	-01	- 1.0
1930	-04	- 0.5	-03	- 0.2	-02	0.8	-04	- 1.6	-02	- 0.8	-02	- 2.0
1931	-04	- 0.5	-04	- 1.2	-03	- 0.2	-03	- 0.6	-02	- 0.8	03	3.0
1932	-02	1.5	-03	- 0.2	-03	- 0.2	-04	- 1.6	-01	0.2	-02	- 2.0
1933	-03	0.5	-02	0.8	-03	- 0.2	-01	1.4	-06	- 4.8	04	4.0
1934	-03	0.5	-05	- 2.2	-04	- 1.2	-01	1.4	01	2.2	-03	- 3.0
1935	-04	- 0.5	-04	- 1.2	-03	- 0.2	-04	- 1.6	-02	- 0.8	01	1.0
1936	-03	0.5	-04	- 1.2	-03	- 0.2	-05	- 2.6	-04	- 2.8	-01	- 1.0
1937	-06	- 2.5	-04	- 1.2	-04	- 1.2	-02	0.4	00	1.2	00	0.0
1938	-03	0.5	-04	- 1.2	-03	- 0.2	-01	1.4	-03	- 1.8	-04	- 4.0
1939		•		•		•		•		•		•
1940		•		•		•	-01	1.4	-03	- 1.8	05	5.0
1941	-03	0.5	-01	1.8	-04	- 1.2	-03	- 0.6	01	2.2	01	1.0
1942	-02	1.5	-02	0.8	-02	0.8	-01	1.4	00	1.2	01	1.0
1943	-04	- 0.5	-04	- 1.2	-03	- 0.2	-02	0.4	-02	- 0.8	-02	- 2.0
1944	-05	- 1.5	-03	- 0.2	-03	- 0.2	-01	1.4	00	1.2	00	0.0
1945	-04	- 0.5	-04	- 1.2	-06	- 3.2	-04	- 1.6	00	1.2	03	3.0
1946	-05	- 1.5	-04	- 1.2	-03	- 0.2	-05	- 2.6	00	1.2	-02	- 2.0
1947	-01	2.5	-04	- 1.2	-04	- 1.2	01	3.4	-03	- 1.8	-01	- 1.0
1948	-02	1.5	-03	- 0.2	-03	- 0.2	-01	1.4	-03	- 1.8	-01	- 1.0
1949	-05	- 1.5	-02	0.8	-03	- 0.2	-05	- 2.6	01	2.2	-03	- 3.0
1950	-06	- 2.5	-02	0.8	-02	0.8	00	2.4	02	3.2	03	3.0
1951	-02	1.5	-02	0.8	-03	- 0.2	-03	- 0.6	00	1.2	00	0.0
1952	-03	0.5	-03	- 0.2	-02	0.8	-01	1.4	-02	- 0.8	04	4.0
1953	-04	- 0.5	00	2.8	-03	- 0.2	-03	- 0.6	02	3.2	-05	- 5.0
1954	-03	0.5	-02	0.8	-03	- 0.2	-03	- 0.6	-01	0.2	00	0.0
1955	-03	0.5	-03	- 0.2	-03	- 0.2	-03	- 0.6	-01	0.2	05	5.0
1956	-03	0.5	-03	- 0.2	-02	0.8	-01	1.4	-04	- 2.8	-04	- 4.0
1957	-02	1.5	-03	- 0.2	-01	1.8	00	2.4	-02	- 0.8	00	0.0
MEAN 1926-57		- 3.5		- 2.8		- 2.8		- 2.4		- 1.2		0.0
RMS		1.22		1.72		1.42		1.58		2.04		2.71
MEAN 1926-35		- 3.5		- 2.6		- 2.5		- 2.9		- 1.5		0.2
MEAN 1936-45		- 3.8		- 3.3		- 3.5		- 2.2		- 1.2		0.3
MEAN 1946-55		- 3.4		- 2.5		- 2.9		- 2.3		- 0.5		0.0

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 33	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	-04	- 1.0	-01	1.7	-02	0.3	-01	1.2	-02	0.1	-01	1.0
1927	-03	0.0	00	2.7	-04	- 1.7	-02	0.2	-03	- 0.9	-01	1.0
1928	-04	- 1.0	-02	0.7	-01	1.3	-02	0.2	-01	1.1	00	2.0
1929	-03	0.0	-04	- 1.3	-02	0.3	-02	0.2	-03	- 0.9	-01	1.0
1930	00	3.0	-03	- 0.3	-01	1.3	-02	0.2	-02	0.1	-02	0.0
1931	-02	1.0	-01	1.7	-04	- 1.7	-01	1.2	-01	1.1	-01	1.0
1932	-05	- 2.0	-01	1.7	-03	- 0.7	-03	- 0.8	-02	0.1	-02	0.0
1933	-02	1.0	-06	- 3.3	-04	- 1.7	-02	0.2	-02	0.1	-02	0.0
1934	-03	0.0	-01	1.7	-02	0.3	-02	0.2	-02	0.1	-02	0.0
1935	-02	1.0	-03	- 0.3	-03	- 0.7	-02	0.2	-02	0.1	-03	- 1.0
1936	-03	0.0	-01	1.7	-02	0.3	-02	0.2	-02	0.1	-02	0.0
1937	-03	0.0	-02	0.7	-02	0.3	-03	- 0.8	-01	1.1	-01	1.0
1938	-04	- 1.0	00	2.7	00	2.3	-03	- 0.8	-02	0.1	-01	1.0
1939	-03	0.0	-03	- 0.3	-03	- 0.7	-03	- 0.8	-03	- 0.9	-02	0.0
1940		.		.		.		.		.		.
1941	-03	0.0	00	2.7	-01	1.3	-02	0.2	-03	- 0.9	-02	0.0
1942	-02	1.0	-03	- 0.3	-03	- 0.7		.	-02	0.1	-03	- 1.0
1943	-02	1.0	-04	- 1.3	-01	1.3	-02	0.2	-02	0.1	-03	- 1.0
1944	-04	- 1.0	-03	- 0.3	-04	- 1.7	-03	- 0.8	-03	- 0.9	-03	- 1.0
1945	-03	0.0	-04	- 1.3	-03	- 0.7	-04	- 1.8	-03	- 0.9	-03	- 1.0
1946	-04	- 1.0	-05	- 2.3	-01	1.3	-02	0.2	-02	0.1	-02	0.0
1947	-06	- 3.0	-03	- 0.3	-02	0.3	-02	0.2	-01	1.1	-01	1.0
1948	-04	- 1.0	-04	- 1.3	-02	0.3	-02	0.2	-02	0.1	-02	0.0
1949	-04	- 1.0	-03	- 0.3	-01	1.3	-03	- 0.8	-02	0.1	-03	- 1.0
1950	-03	0.0	-03	- 0.3	-03	- 0.7	-02	0.2	-01	1.1	-02	0.0
1951	-03	0.0	-03	- 0.3	-03	- 0.7	00	2.2	-02	0.1	-03	- 1.0
1952	-02	1.0	-04	- 1.3	-01	1.3	-01	1.2	-02	0.1	-02	0.0
1953	-03	0.0	-05	- 2.3	-03	- 0.7	-02	0.2	-03	- 0.9	-03	- 1.0
1954	-02	1.0	-02	0.7	-01	1.3	-03	- 0.8	-02	0.1	-03	- 1.0
1955	-02	1.0	-04	- 1.3	-03	- 0.7	-04	- 1.8	-02	0.1	-03	- 1.0
1956	-02	1.0	-03	- 0.3	-05	- 2.7	-01	1.2	-04	- 1.9	-03	- 1.0
1957	-02	1.0	-03	- 0.3	-01	1.3	-02	0.2	-01	1.1	-01	1.0
MEAN 1926-57		- 3.0		- 2.7		- 2.3		- 2.2		- 2.1		- 2.0
RMS		1.14		1.53		1.22		.87		0.75		0.88
MEAN 1926-35		- 2.8		- 2.2		- 2.6		- 1.9		- 2.0		- 1.5
MEAN 1936-45		- 3.0		- 2.2		- 2.1		- 2.8		- 2.3		- 2.2
MEAN 1946-55		- 3.3		- 3.6		- 2.0		- 2.1		- 1.9		- 2.4

LOC 33	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	00	1.9	02	4.2	02	4.3	-02	0.4	03	6.5	-01	2.1
1927	-02	- 0.1	-02	0.2	-04	- 1.7	00	2.4	-04	- 0.5	-02	1.1
1928	-01	0.9	-01	1.2	-02	0.3	-04	- 1.6	-05	- 1.5	-05	- 1.9
1929	-01	0.9	-03	- 0.8	-02	0.3	-02	0.4	-05	- 1.5	-04	- 0.9
1930	-02	- 0.1	-02	0.2	-03	- 0.7	-03	- 0.6	-03	0.5	-04	- 0.9
1931	-02	- 0.1	-02	0.2	-02	0.3	-02	0.4	-04	- 0.5	-02	1.1
1932	-02	- 0.1	-02	0.2	-01	1.3	-02	0.4	-04	- 0.5	-03	0.1
1933	-01	0.9	-02	0.2	-02	0.3	-03	- 0.6	-03	0.5	-04	- 0.9
1934	-02	- 0.1	-01	1.2	-02	0.3	-02	0.4	-03	0.5	-05	- 1.9
1935	-01	0.9	-03	- 0.8	-01	1.3	-03	- 0.6	-04	- 0.5	-02	1.1
1936	-01	0.9	-02	0.2	-03	- 0.7	-02	0.4	-05	- 1.5	-03	0.1
1937	-03	- 1.1	-02	0.2	-02	0.3	-02	0.4	-02	1.5	-03	0.1
1938	-03	- 1.1	-01	1.2	-02	0.3	-02	0.4	-05	- 1.5	-03	0.1
1939		.		.		.		.		.		.
1940		.		.		.		.		.		.
1941	-02	- 0.1	-02	0.2	-02	0.3	-01	1.4	-04	- 0.5	01	4.1
1942	-02	- 0.1	-01	1.2	-02	0.3	-02	0.4	-04	- 0.5	-02	1.1
1943	-02	- 0.1	00	2.2	-01	1.3	-03	- 0.6	-03	0.5	-06	- 2.9
1944	-02	- 0.1	-04	- 1.8	-02	0.3	-02	0.4	-04	- 0.5	-03	0.1
1945	-02	- 0.1	-03	- 0.8	-03	- 0.7	-02	0.4	-02	1.5	-02	1.1
1946	-02	- 0.1	-03	- 0.8	-03	- 0.7	-03	- 0.6	-05	- 1.5	-02	1.1
1947	-02	- 0.1	-03	- 0.8	-02	0.3	-03	- 0.6	-03	0.5	-03	0.1
1948	-03	- 1.1	-03	- 0.8	-04	- 1.7	-03	- 0.6	-05	- 1.5	-04	- 0.9
1949	-03	- 1.1	-03	- 0.8	-03	- 0.7	-03	- 0.6	-03	0.5	-03	0.1
1950	-02	- 0.1	-03	- 0.8	-02	0.3	-02	0.4	-04	- 0.5	-03	0.1
1951	-02	- 0.1	-03	- 0.8	-02	0.3	-02	0.4	-03	0.5	-03	0.1
1952	-02	- 0.1	-03	- 0.8	-04	- 1.7	-03	- 0.6	-03	0.5	-03	0.1
1953	-02	- 0.1	-03	- 0.8	-03	- 0.7	-03	- 0.6	-03	0.5	-05	- 1.9
1954	-02	- 0.1	-03	- 0.8	-04	- 1.7	-02	0.4	-04	- 0.5	-04	- 0.9
1955	-02	- 0.1	-02	0.2	-03	- 0.7	-03	- 0.6	-03	0.5	-02	1.1
1956	-03	- 1.1	-03	- 0.8	-03	- 0.7	-03	- 0.6	-05	- 1.5	-05	- 1.9
1957	-02	- 0.1	-03	- 0.8	-02	0.3	-02	0.4	-03	0.5	-04	- 0.9
MEAN 1926-57		- 1.9		- 2.2		- 2.3		- 2.4		- 3.5		- 3.1
RMS		0.69		1.19		1.18		0.76		1.52		1.38
MEAN 1926-35		- 1.4		- 1.6		- 1.7		- 2.3		- 3.2		- 3.2
MEAN 1936-45		- 2.1		- 1.9		- 2.1		- 2.0		- 3.8		- 2.6
MEAN 1946-55		- 2.2		- 2.9		- 3.0		- 2.7		- 3.6		- 3.3

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 34	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	-02	- 2.3	00	- 1.4	03	- 1.2	02	- 3.5	06	- 0.9	05	- 2.2
1927	00	- 0.3	01	- 0.4	06	1.8	07	1.5	07	0.1	06	- 1.2
1928	-02	- 2.3	00	- 1.4	01	- 3.2	05	- 0.5	07	0.1	07	- 0.2
1929	03	2.7	04	2.6	07	2.8	06	0.5	06	- 0.9	04	- 3.2
1930	00	- 0.3	00	- 1.4	03	- 1.2	04	- 1.5	08	1.1	08	0.8
1931	-02	- 2.3	01	- 0.4	03	- 1.2	02	- 3.5	03	- 3.9	05	- 2.2
1932	04	3.7	02	0.6	04	- 0.2	05	- 0.5	08	1.1	07	- 0.2
1933	04	3.7	01	- 0.4	03	- 1.2	07	1.5	08	1.1	03	- 4.2
1934	01	0.7	-02	- 3.4	02	- 2.2	05	- 0.5	05	- 1.9	10	2.8
1935	-02	- 2.3	01	- 0.4	06	1.8	05	- 0.5	08	1.1	06	- 1.2
1936	00	- 0.3	02	0.6	06	1.8	04	- 1.5	04	- 2.9	05	- 2.2
1937	01	0.7	01	- 0.4	02	- 2.2	08	2.5	07	0.1	04	- 3.2
1938	01	0.7	00	- 1.4	05	0.8	06	0.5	06	- 0.9	08	0.8
1939	01	0.7	05	3.6	04	- 0.2	06	0.5	06	- 0.9	08	0.8
1940		.		.		.		.		.		.
1941	-01	- 1.3	-03	- 4.4	01	- 3.2	05	- 0.5	06	- 0.9	07	- 0.2
1942	-05	- 5.3	-01	- 2.4	02	- 2.2	05	- 0.5	06	- 0.9	07	- 0.2
1943	-01	- 1.3	00	- 1.4	03	- 1.2	06	0.5	08	1.1	08	0.8
1944	-04	- 4.3	03	1.6	05	0.8	06	0.5	07	0.1	10	2.8
1945	-01	- 1.3	04	2.6	06	1.8	09	3.5	06	- 0.9	08	0.8
1946	01	0.7	02	0.6	07	2.8	03	- 2.5	09	2.1	08	0.8
1947	00	- 0.3	01	- 0.4	03	- 1.2	06	0.5	07	0.1	07	- 0.2
1948	00	- 0.3	05	3.6	05	0.8	04	- 1.5	08	1.1	08	0.8
1949	01	0.7	03	1.6	03	- 1.2	04	- 1.5	07	0.1	09	1.8
1950	03	2.7	02	0.6	04	- 0.2	06	0.5	08	1.1	08	0.8
1951	03	2.7	03	1.6	05	0.8	05	- 0.5	09	2.1	09	1.8
1952	00	- 0.3	00	- 1.4	06	1.8	04	- 1.5	06	- 0.9	09	1.8
1953	01	0.7	05	3.6	06	1.8	09	3.5	07	0.1	10	2.8
1954	02	1.7	00	- 1.4	03	- 1.2	05	- 0.5	08	1.1	08	0.8
1955	01	0.7	02	0.6	06	1.8	07	1.5	09	2.1	08	0.8
1956	00	- 0.3	01	- 0.4	05	0.8	07	1.5	07	0.1	07	- 0.2
1957	01	0.7	-01	- 2.4	04	- 0.2	07	1.5	06	- 0.9	07	- 0.2
MEAN 1926-57		0.3		1.4		4.2		5.5		6.9		7.2
RMS		2.08		1.99		1.72		1.71		1.38		1.78
MEAN 1926-35		0.4		0.8		3.8		4.8		6.6		6.1
MEAN 1936-45		- 1.0		1.2		3.8		6.1		6.2		7.2
MEAN 1946-55		1.2		2.3		4.8		5.3		7.8		8.4

LOC 34	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	06	- 1.3	06	- 0.7	04	- 0.8	03	0.1	-01	- 1.9	01	1.4
1927	06	- 1.3	04	- 2.7	06	1.2	01	- 1.9	01	0.1	00	0.4
1928	06	- 1.3	06	- 0.7	03	- 1.8	04	1.1	00	- 0.9	-02	- 1.6
1929	06	- 1.3	04	- 2.7	06	1.2	02	- 0.9	01	0.1	00	0.4
1930	07	- 0.3	07	0.3	06	1.2	03	0.1	05	4.1	-02	- 1.6
1931	07	- 0.3	07	0.3	05	0.2	05	2.1	02	1.1	-01	- 0.6
1932	07	- 0.3	07	0.3	06	1.2	04	1.1	00	- 0.9	01	1.4
1933	07	- 0.3	04	- 2.7	04	- 0.8	00	- 2.9	01	0.1	00	0.4
1934	08	0.7	06	- 0.7	03	- 1.8	00	- 2.9	01	0.1	01	1.4
1935	07	- 0.3	04	- 2.7	03	- 1.8	03	0.1	01	0.1	-01	- 0.6
1936	05	- 2.3	06	- 0.7	06	1.2	03	0.1	-02	- 2.9	01	1.4
1937	07	- 0.3	07	0.3	04	- 0.8	02	- 0.9	01	0.1	-01	- 0.6
1938	05	- 2.3	06	- 0.7	03	- 1.8	03	0.1	01	0.1	01	1.4
1939		•		•		•		•		•		•
1940		•		•		•	02	- 0.9	01	0.1	-03	- 2.6
1941	07	- 0.3	04	- 2.7	05	0.2	02	- 0.9	-01	- 1.9	00	0.4
1942	07	- 0.3	06	- 0.7	07	2.2	02	- 0.9	03	2.1	00	0.4
1943	07	- 0.3	08	1.3	05	0.2	05	2.1	-03	- 3.9	-01	- 0.6
1944	07	- 0.3	08	1.3	07	2.2	01	- 1.9	02	1.1	-05	- 4.6
1945	06	- 1.3	07	0.3	05	0.2	03	0.1	02	1.1	-02	- 1.6
1946	09	1.7	06	- 0.7	05	0.2	05	2.1	00	- 0.9	00	0.4
1947	08	0.7	08	1.3	04	- 0.8	03	0.1	04	3.1	01	1.4
1948	08	0.7	09	2.3	03	- 1.8	02	- 0.9	03	2.1	03	3.4
1949	07	- 0.3	06	- 0.7	05	0.2	05	2.1	00	- 0.9	01	1.4
1950	08	0.7	08	1.3	07	2.2	02	- 0.9	01	0.1	-02	- 1.6
1951	09	1.7	07	0.3	04	- 0.8	05	2.1	00	- 0.9	01	1.4
1952	08	0.7	08	1.3	05	0.2	03	0.1	00	- 0.9	00	0.4
1953	09	1.7	08	1.3	03	- 1.8	03	0.1	00	- 0.9	01	1.4
1954	08	0.7	08	1.3	05	0.2	02	- 0.9	00	- 0.9	-02	- 1.6
1955	09	1.7	09	2.3	07	2.2	04	1.1	03	2.1	-02	- 1.6
1956	08	0.7	08	1.3	04	- 0.8	04	1.1	00	- 0.9	00	0.4
1957	09	1.7	10	3.3	04	- 0.8	04	1.1	01	0.1	00	0.4
MEAN 1926-57		7.3		6.7		4.8		2.9		0.9		- 0.4
RMS		1.14		1.62		1.32		1.40		1.65		1.58
MEAN 1926-35		6.7		5.5		4.6		2.5		1.1		- 0.3
MEAN 1936-45		6.4		6.5		5.3		2.6		0.4		- 1.1
MEAN 1946-55		8.3		7.7		4.8		3.4		1.1		0.1

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 35	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	02	- 0.5	02	- 1.5	04	- 1.3	04	- 2.7	08	- 0.1	07	- 1.2
1927	04	1.5	04	0.5	07	1.7	08	1.3	09	0.9	07	- 1.2
1928	00	- 2.5	04	0.5	05	- 0.3	07	0.3	08	- 0.1	08	- 0.2
1929	04	1.5	05	1.5	07	1.7	07	0.3	07	- 1.1	06	- 2.2
1930	03	0.5	03	- 0.5	05	- 0.3	06	- 0.7	08	- 0.1	08	- 0.2
1931	02	- 0.5	03	- 0.5	01	- 4.3	04	- 2.7	05	- 3.1	08	- 0.2
1932	04	1.5	04	0.5	06	0.7	05	- 1.7	09	0.9	07	- 1.2
1933	03	0.5	05	1.5	05	- 0.3	08	1.3	09	0.9	08	- 0.2
1934	05	2.5	01	- 2.5	04	- 1.3	07	0.3	07	- 1.1	09	0.8
1935	02	- 0.5	03	- 0.5	06	0.7	06	- 0.7	08	- 0.1	07	- 1.2
1936	02	- 0.5	02	- 1.5	06	0.7	07	0.3	07	- 1.1	05	- 3.2
1937	05	2.5	04	0.5	05	- 0.3	07	0.3	07	- 1.1	07	- 1.2
1938	03	0.5	02	- 1.5	05	- 0.3	08	1.3	08	- 0.1	08	- 0.2
1939	03	0.5	08	4.5	05	- 0.3	06	- 0.7	07	- 1.1	08	- 0.2
1940		.		.		.		.		.		.
1941	00	- 2.5	-01	- 4.5	02	- 3.3	06	- 0.7	06	- 2.1	07	- 1.2
1942	-03	- 5.5	-01	- 4.5	03	- 2.3	06	- 0.7	07	- 1.1	07	- 1.2
1943	01	- 1.5	03	- 0.5	05	- 0.3	06	- 0.7	10	1.9	09	0.8
1944	01	- 1.5	05	1.5	05	- 0.3	06	- 0.7	09	0.9	10	1.8
1945	02	- 0.5	04	0.5	07	1.7	09	2.3	10	1.9	09	0.8
1946	05	2.5	04	0.5	06	0.7	04	- 2.7	08	- 0.1	10	1.8
1947	01	- 1.5	05	1.5	05	- 0.3	06	- 0.7	06	- 2.1	08	- 0.2
1948	02	- 0.5	05	1.5	06	0.7	05	- 1.7	10	1.9	08	- 0.2
1949	03	0.5	05	1.5	04	- 1.3	07	0.3	09	0.9	09	0.8
1950	03	0.5	05	1.5	06	0.7	06	- 0.7	10	1.9	09	0.8
1951	04	1.5	05	1.5	06	0.7	07	0.3	09	0.9	09	0.8
1952	01	- 1.5	02	- 1.5	07	1.7	07	0.3	07	- 1.1	09	0.8
1953	03	0.5	07	3.5	08	2.7	09	2.3	09	0.9	11	2.8
1954	04	1.5	03	- 0.5	05	- 0.3	08	1.3	09	0.9	09	0.8
1955	03	0.5	02	- 1.5	06	0.7	07	0.3	10	1.9	11	2.8
1956	03	0.5	04	0.5	06	0.7	09	2.3	08	- 0.1	08	- 0.2
1957	02	- 0.5	02	- 1.5	07	1.7	09	2.3	08	- 0.1	09	0.8
MEAN 1926-57		2.5		3.5		5.3		6.7		8.1		8.2
RMS		1.37		1.95		1.49		1.42		1.31		1.33
MEAN 1926-35		2.9		3.4		5.0		6.2		7.8		7.5
MEAN 1936-45		1.6		2.9		4.8		6.8		7.9		7.8
MEAN 1946-55		2.9		4.3		5.9		6.6		8.7		9.3

LOC 35	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	07	- 0.8	06	- 0.9	05	- 1.1	04	- 0.4	01	- 1.7	04	2.5
1927	06	- 1.8	06	- 0.9	07	0.9	03	- 1.4	03	0.3	01	- 0.5
1928	07	- 0.8	05	- 1.9	05	- 1.1	04	- 0.4	02	- 0.7	01	- 0.5
1929	07	- 0.8	05	- 1.9	07	0.9	04	- 0.4	02	- 0.7	01	- 0.5
1930	06	- 1.8	07	0.1	07	0.9	04	- 0.4	02	- 0.7	01	- 0.5
1931	07	- 0.8	05	- 1.9	07	0.9	05	0.6	04	1.3	01	- 0.5
1932	08	0.2	07	0.1	05	- 1.1	05	0.6	02	- 0.7	04	2.5
1933	06	- 1.8	05	- 1.9	05	- 1.1	05	0.6	02	- 0.7	02	0.5
1934	07	- 0.8	06	- 0.9	05	- 1.1	03	- 1.4	03	0.3	01	- 0.5
1935	08	0.2	05	- 1.9	04	- 2.1	03	- 1.4	03	0.3	03	1.5
1936	06	- 1.8	06	- 0.9	05	- 1.1	05	0.6	02	- 0.7	02	0.5
1937	06	- 1.8	06	- 0.9	05	- 1.1	03	- 1.4	03	0.3	01	- 0.5
1938	06	- 1.8	06	- 0.9	04	- 2.1	04	- 0.4	02	- 0.7	02	0.5
1939		•		•		•		•		•		•
1940		•		•		•	03	- 1.4	02	- 0.7	-01	- 2.5
1941	07	- 0.8	05	- 1.9	05	- 1.1	04	- 0.4	01	- 1.7	00	- 1.5
1942	09	1.2	09	2.1	08	1.9	06	1.6	06	3.3	04	2.5
1943	10	2.2	07	0.1	06	- 0.1	04	- 0.4	00	- 2.7	00	- 1.5
1944	11	3.2	09	2.1	08	1.9	04	- 0.4	04	1.3	-02	- 3.5
1945	07	- 0.8	06	- 0.9	07	0.9	03	- 1.4	04	1.3	00	- 1.5
1946	10	2.2	09	2.1	07	0.9	05	0.6	02	- 0.7	00	- 1.5
1947	10	2.2	08	1.1	07	0.9	04	- 0.4	04	1.3	02	0.5
1948	07	- 0.8	08	1.1	05	- 1.1	03	- 1.4	03	0.3	03	1.5
1949	08	0.2	08	1.1	07	0.9	06	1.6	02	- 0.7	03	1.5
1950	08	0.2	08	1.1	08	1.9	04	- 0.4	03	0.3	01	- 0.5
1951	08	0.2	07	0.1	05	- 1.1	05	0.6	03	0.3	02	0.5
1952	08	0.2	08	1.1	08	1.9	05	0.6	03	0.3	01	- 0.5
1953	08	0.2	08	1.1	06	- 0.1	05	0.6	05	2.3	03	1.5
1954	08	0.2	08	1.1	08	1.9	06	1.6	02	- 0.7	01	- 0.5
1955	10	2.2	08	1.1	07	0.9	06	1.6	05	2.3	02	0.5
1956	10	2.2	09	2.1	05	- 1.1	05	0.6	01	- 1.7	02	0.5
1957	08	0.2	08	1.1	06	- 0.1	05	0.6	03	0.3	01	- 0.5
MEAN 1926-57		7.8		6.9		6.1		4.4		2.7		1.5
RMS		1.45		1.39		1.28		0.99		1.30		1.41
MEAN 1926-35		6.9		5.7		5.7		4.0		2.4		1.9
MEAN 1936-45		7.8		6.8		6.0		4.0		2.7		0.7
MEAN 1946-55		8.5		8.0		6.8		4.9		3.2		1.8

Table 1.--Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1926-57. Cont'd.

LOC 36	JAN		FEB		MAR		APR		MAY		JUN	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	02	0.0	04	0.6	04	- 0.8	04	- 1.9	06	- 1.2	07	- 0.3
1927	01	- 1.0	04	0.6	06	1.2	07	1.1	08	0.8	06	- 1.3
1928	00	- 2.0	03	- 0.4	05	0.2	07	1.1	08	0.8	07	- 0.3
1929	02	0.0	04	0.6	07	2.2	08	2.1	06	- 1.2	07	- 0.3
1930	02	0.0	03	- 0.4	04	- 0.8	05	- 0.9	06	- 1.2	08	0.7
1931	03	1.0	02	- 1.4	01	- 3.8	02	- 3.9	05	- 2.2	05	- 2.3
1932	03	1.0	03	- 0.4	05	0.2	04	- 1.9	08	0.8	07	- 0.3
1933	02	0.0	03	- 0.4	05	0.2	06	0.1	07	- 0.2	08	0.7
1934	03	1.0	01	- 2.4	02	- 2.8	06	0.1	07	- 0.2	08	0.7
1935	02	0.0	02	- 1.4	05	0.2	06	0.1	07	- 0.2	07	- 0.3
1936	00	- 2.0	02	- 1.4	04	- 0.8	06	0.1	06	- 1.2	05	- 2.3
1937	03	1.0	04	0.6	05	0.2	06	0.1	07	- 0.2	05	- 2.3
1938	01	- 1.0	01	- 2.4	04	- 0.8	06	0.1	07	- 0.2	06	- 1.3
1939	02	0.0	05	1.6	04	- 0.8	06	0.1	06	- 1.2	06	- 1.3
1940		.		.		.		.		.		.
1941	00	- 2.0	02	- 1.4	02	- 2.8	05	- 0.9	06	- 1.2	07	- 0.3
1942	-03	- 5.0	00	- 3.4	02	- 2.8		.	05	- 2.2	06	- 1.3
1943	02	0.0	03	- 0.4	06	1.2	05	- 0.9	08	0.8	08	0.7
1944	-01	- 3.0	03	- 0.4	05	0.2	06	0.1	07	- 0.2	10	2.7
1945	02	0.0	04	0.6	06	1.2	08	2.1	08	0.8	08	0.7
1946	02	0.0	05	1.6	06	1.2	04	- 1.9	09	1.8	09	1.7
1947	03	1.0	04	0.6	05	0.2	06	0.1	07	- 0.2	07	- 0.3
1948	01	- 1.0	05	1.6	04	- 0.8	03	- 2.9	09	1.8	07	- 0.3
1949	05	3.0	04	0.6	05	0.2	06	0.1	08	0.8	07	- 0.3
1950	03	1.0	06	2.6	07	2.2	05	- 0.9	07	- 0.2	08	0.7
1951	04	2.0	05	1.6	06	1.2	07	1.1	08	0.8	08	0.7
1952	02	0.0	03	- 0.4	07	2.2	07	1.1	08	0.8	07	- 0.3
1953	03	1.0	07	3.6	06	1.2	07	1.1	08	0.8	09	1.7
1954	03	1.0	04	0.6	05	0.2	06	0.1	08	0.8	08	0.7
1955	04	2.0	02	- 1.4	06	1.2	08	2.1	08	0.8	09	1.7
1956	04	2.0	04	0.6	05	0.2	08	2.1	07	- 0.2	07	- 0.3
1957	02	0.0	02	- 1.4	06	1.2	08	2.1	08	0.8	10	2.7
MEAN 1926-57		2.0		3.4		4.8		5.9		7.2		7.3
RMS		1.61		1.52		1.51		1.51		1.05		1.30
MEAN 1926-35		2.0		2.9		4.4		5.5		6.8		7.0
MEAN 1936-45		0.7		2.7		4.2		6.0		6.7		6.8
MEAN 1946-55		3.0		4.5		5.7		5.9		8.0		7.9

LOC 36	JUL		AUG		SEP		OCT		NOV		DEC	
YEAR	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	07	1.0	03	- 2.5	06	1.2	05	1.2	01	- 1.4	03	1.7
1927	04	- 2.0	04	- 1.5	04	- 0.8	02	- 1.8	03	0.6	01	- 0.3
1928	06	0.0	03	- 2.5	04	- 0.8	04	0.2	02	- 0.4	00	- 1.3
1929	07	1.0	05	- 0.5	06	1.2	04	0.2	00	- 2.4	00	- 1.3
1930	04	- 2.0	05	- 0.5	05	0.2	03	- 0.8	01	- 1.4	00	- 1.3
1931	03	- 3.0	03	- 2.5	05	0.2	03	- 0.8	03	0.6	00	- 1.3
1932	05	- 1.0	05	- 0.5	05	0.2	03	- 0.8	02	- 0.4	03	1.7
1933	04	- 2.0	05	- 0.5	05	0.2	03	- 0.8	01	- 1.4	01	- 0.3
1934	06	0.0	04	- 1.5	04	- 0.8	04	0.2	02	- 0.4	00	- 1.3
1935	06	0.0	04	- 1.5	04	- 0.8	03	- 0.8	02	- 0.4	01	- 0.3
1936	04	- 2.0	06	0.5	02	- 2.8	02	- 1.8	01	- 1.4	00	- 1.3
1937	05	- 1.0	04	- 1.5	02	- 2.8	03	- 0.8	03	0.6	00	- 1.3
1938	03	- 3.0	05	- 0.5	03	- 1.8	04	0.2	00	- 2.4	01	- 0.3
1939		•		•		•		•		•		•
1940		•		•		•	03	- 0.8	01	- 1.4	00	- 1.3
1941	06	0.0	06	0.5	04	- 0.8	04	0.2	00	- 2.4	00	- 1.3
1942	08	2.0	08	2.5	07	2.2	07	3.2	06	3.6	05	3.7
1943	07	1.0	06	0.5	04	- 0.8	02	- 1.8	-01	- 3.4	-01	- 2.3
1944	08	2.0	07	1.5	06	1.2	04	0.2	04	1.6	01	- 0.3
1945	06	0.0	05	- 0.5	05	0.2	02	- 1.8	04	1.6	00	- 1.3
1946	08	2.0	06	0.5	05	0.2	04	0.2	03	0.6	00	- 1.3
1947	08	2.0	06	0.5	06	1.2	03	- 0.8	03	0.6	01	- 0.3
1948	05	- 1.0	07	1.5	04	- 0.8	04	0.2	03	0.6	02	0.7
1949	07	1.0	07	1.5	07	2.2	06	2.2	03	0.6	04	2.7
1950	06	0.0	08	2.5	06	1.2	06	2.2	03	0.6	03	1.7
1951	06	0.0	05	- 0.5	05	0.2	03	- 0.8	03	0.6	04	2.7
1952	06	0.0	06	0.5	04	- 0.8	02	- 1.8	03	0.6	02	0.7
1953	06	0.0	07	1.5	04	- 0.8	04	0.2	04	1.6	02	0.7
1954	06	0.0	07	1.5	06	1.2	06	2.2	03	0.6	02	0.7
1955	11	5.0	05	- 0.5	05	0.2	04	0.2	05	2.6	02	0.7
1956	07	1.0	08	2.5	04	- 0.8	04	0.2	02	- 0.4	02	0.7
1957	06	0.0	06	0.5	06	1.2	06	2.2	04	1.6	01	- 0.3
MEAN 1926-57		6.0		5.5		4.8		3.8		2.4		1.3
RMS		1.69		1.46		1.25		1.33		1.56		1.47
MEAN 1926-35		5.2		4.1		4.8		3.4		1.7		0.9
MEAN 1936-45		5.9		5.9		4.1		3.4		2.0		0.7
MEAN 1946-55		6.9		6.4		5.2		4.2		3.3		2.2

TABLE 2

Pressure differences (PD) and anomalies (DEV) at locations 1-36, 1958.

[Anomalies were computed from 1926-57 monthly means. Values, given in millibars, also represent wind speeds in meters per second, see text.]

Location No.	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1	-3	1.9	-4	-0.4	0	2.5	1	1.7	0	-0.4	0	-2.4	2	-0.2	1	0.2	-2	-0.3	-6	-1.1	-9	-3.4	-5	0.5
2	1	2.4	-1	0.3	1	1.4	3	1.6	2	0.2	2	-0.8	4	1.3	2	0.6	1	0.4	-3	-0.8	-6	-4.0	-1	0.5
3	8	1.0	4	-2.2	9	3.0	10	4.5	7	2.9	2	-0.3	4	1.1	2	-0.2	0	-2.0	2	-1.1	3	-1.5	8	1.6
4	10	3.0	6	-1.0	7	0.0	12	5.9	10	4.4	4	0.6	6	1.9	2	-1.3	0	-3.1	3	-1.8	5	-1.0	10	2.4
5	8	2.3	3	-3.3	5	-1.1	9	2.9	10	3.4	7	1.9	7	1.6	4	-1.0	4	-0.6	7	1.0	7	0.4	8	1.0
6	9	3.4	4	-1.8	3	-3.4	5	-0.8	8	1.7	6	1.0	7	1.5	7	2.1	5	-0.5	8	0.5	8	1.3	8	1.0
7	7	1.1	5	-0.8	0	-5.6	4	-1.1	3	-1.5	0	-3.7	4	0.6	7	4.4	4	-0.1	7	-0.2	8	1.2	8	1.0
8	-13	-10.5	-9	-6.9	3	2.7	0	0.6	1	0.5	5	3.1	6	2.4	3	-0.9	1	-1.3	-1	0.7	-4	-0.8	-8	-4.9
9	-3	-4.2	-3	-1.9	4	1.1	4	1.1	2	-2.1	6	0.6	7	1.4	5	-0.5	5	0.4	2	-0.4	1	0.1	-3	-3.9
10	2	-0.3	0	-2.5	3	-0.9	6	1.4	2	-3.5	5	-0.9	4	-1.6	5	0.1	5	0.5	3	-0.7	3	0.3	1	-0.9
11	6	-0.1	2	-3.0	2	-3.7	6	0.4	4	-1.9	6	-0.3	6	-0.3	6	0.1	8	2.5	4	-1.2	6	-0.3	6	0.5
12	6	-2.1	4	-3.6	6	-1.5	10	2.0	8	0.1	8	-0.3	6	-2.3	4	-4.1	6	-0.3	4	-2.3	6	-1.3	4	-3.4
13	6	0.2	2	-3.9	4	-3.4	10	1.7	10	1.9	8	-0.3	10	1.4	6	-2.3	6	-0.4	6	-0.3	6	-0.3	4	-2.3
14	8	2.9	4	-1.3	8	1.1	12	3.6	10	2.5	6	-0.9	8	0.1	10	3.3	6	0.3	6	0.1	6	-0.1	4	-2.5
15	6	1.1	6	0.6	10	3.5	12	3.9	10	3.2	6	0.4	8	1.5	8	2.7	6	1.0	6	0.6	8	2.1	6	-0.4
16	6	0.8	6	0.9	6	0.3	10	3.0	8	2.6	6	1.0	6	0.8	6	1.7	6	1.9	6	1.2	6	-0.2	8	1.8
17	4	-0.3	2	-1.7	3	0.9	0	-0.4	-1	-0.4	-2	-1.0	-2	-0.1	-1	1.5	-2	-0.5	0	0.2	0	-1.0	3	-0.3
18	6	1.4	2	-1.6	4	1.1	4	1.8	1	-0.2	0	0.6	0	-0.1	0	0.0	-2	-1.6	-1	-1.2	0	-2.3	4	-0.1
19	0	-2.4	2	-0.3	-2	-2.9	-3	-0.8	-2	0.8	-2	-0.3	-4	-1.3	-2	0.3	0	1.3	0	0.5	2	1.9	1	0.3
20	7	0.9	4	-1.4	4	0.0	4	1.7	2	1.4	-1	-0.7	-1	-0.6	-1	-0.9	0	-0.3	2	-0.7	6	1.1	5	-1.0
21	-1	-2.2	3	1.4	-4	-4.2	-3	-0.5	-1	1.0	-1	0.1	-2	0.7	-2	0.5	-1	0.4	-2	0.2	-3	-1.0	0	1.0
22	1	-1.8	4	0.2	-5	-6.8	-1	-0.1	1	1.5	0	0.4	-2	0.9	-3	-0.8	0	0.8	-3	-1.4	-7	-6.2	3	1.9
23	9	3.7	7	0.8	0	-4.2	4	2.1	5	3.1	1	0.6	-2	0.2	-2	-0.6	2	1.1	0	-0.5	0	-2.7	6	1.3
24	2	2.3	0	0.4	4	3.8	4	2.6	3	1.3	3	2.0	1	-0.5	1	-0.4	3	1.3	6	2.3	9	6.1	1	-0.1
25	7	3.3	4	0.3	4	1.4	6	3.1	5	2.4	1	0.0	1	0.2	0	-1.3	2	0.3	3	-0.7	4	-0.8	6	1.2
26	5	2.8	9	7.0	0	-0.1	0	-0.1	0	-1.1	1	0.9	0	1.7	-2	0.4	-3	-2.1	0	-0.1	0	-1.4	6	4.7
27	7	4.9	13	11.7	0	0.0	1	1.1	0	-0.8	-3	-2.3	-2	0.1	0	2.5	-3	-1.9	0	-0.5	0	-1.3	5	3.6
28	5	1.5	-4	-7.9	0	-3.0	2	-0.8	6	2.0	6	3.0	5	3.4	3	0.1	3	-1.3	5	-0.3	5	0.8	4	0.7
29	10	4.5	7	2.4	2	-3.0	6	1.8	0	-3.6	0	-3.1	0	-2.1	3	1.5	4	2.1	3	-1.4	5	-0.5	6	-0.6
30	7	5.4	9	7.8	0	0.1	1	1.3	0	1.5	-2	0.9	-6	-2.3	-5	-1.6	-5	-2.1	-2	-0.9	0	-0.6	3	2.2
31	4	0.9	4	1.2	1	-1.4	3	1.6	-1	-1.6	0	0.0	-2	-1.5	0	0.3	-1	-0.4	-1	-1.9	3	0.3	3	-1.2
32	2	1.5	6	6.1	1	2.2	0	1.7	0	2.7	-2	1.2	-2	1.5	-4	-1.2	-4	-1.2	-2	0.4	-2	-0.8	0	0.0
33	-4	-1.0	-1	1.7	-1	1.3	-2	0.2	-3	-0.9	-2	0.0	-2	-0.1	-2	0.2	-3	-0.7	-5	-2.6	-3	0.5	-5	-1.9
34	-1	-1.3	-2	-3.4	4	-0.2	6	0.5	4	-2.9	8	0.8	7	-0.3	5	-0.7	5	0.2	3	0.1	3	2.1	-1	-0.6
35	3	0.5	1	-2.5	5	-0.3	8	1.3	6	-2.1	10	1.8	7	-0.8	6	-0.9	7	0.9	4	-0.4	4	1.3	0	-1.5
36	4	2.0	4	0.6	6	1.2	9	3.1	6	-1.2	10	2.7	5	-1.0	5	-0.5	6	1.2	3	-0.8	3	0.6	1	-0.3

Table 3

Pressure differences averaged for locations 26a and 27a, 1926-1958. /Locations are shown in fig. 4. Values, given in millibars, also represent wind speeds in meters per second, see text./

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1926	9.0	9.5	5.0	6.5	4.5	0.5	1.0	-0.5	0.0	6.5	9.0	9.5
1927	8.0	10.5	8.0	5.0	3.0	1.0	-2.0	-1.5	2.0	5.0	9.5	10.5
1928	5.5	6.0	11.5	7.5	2.0	-2.0	-2.5	-3.0	0.5	6.0	5.0	7.5
1929	7.5	4.0	7.0	2.0	0.5	1.0	-1.0	0.0	0.0	5.0	4.0	8.5
1930	9.0	12.5	3.0	4.5	1.0	-2.5	-3.5	-3.5	0.0	4.0	7.5	7.5
1931	10.5	7.5	10.5	5.5	1.5	-1.0	-3.0	-1.0	0.5	1.5	2.5	9.0
1932	8.0	9.5	11.0	5.5	1.0	-0.5	-1.5	-3.0	0.0	5.0	15.5	10.0
1933	13.0	10.0	10.0	4.0	1.5	-0.5	-2.5	-1.5	3.0	4.5	6.5	17.0
1934	13.5	9.0	5.5	2.0	1.0	-0.5	-3.0	-2.5	1.5	3.0	10.0	11.5
1935	13.5	5.5	7.0	3.5	1.5	0.0	-4.0	-1.0	0.5	2.0	7.0	15.5
1936	13.5	15.0	2.5	3.5	0.0	-1.0	-1.5	-2.0	0.5	1.0	4.5	11.0
1937	4.0	9.5	10.5	4.0	0.5	-1.0	-2.0	2.5	0.0	5.5	9.5	13.5
1938	9.0	16.0	4.0	3.5	-0.5	-3.0	-4.0	-4.0	-0.5	4.5	3.0	9.0
1939	8.0	9.5	8.0	2.0	0.0	-0.5						
1940										7.0	7.5	8.0
1941	12.0	10.5	7.0	3.0	0.5	-1.0	-2.5	-0.5	2.5	4.0	7.0	9.5
1942	9.0	9.0	6.0	8.0	3.5	0.5	-1.5	-1.5	-1.0	2.5	8.5	11.5
1943	7.0	7.5	7.5	3.0	0.0	-1.0	-4.0	-2.0	-0.5	4.5	9.0	8.0
1944	10.0	5.0	3.5	5.0	-0.5	-2.0	-3.5	-3.5	0.0	3.0	12.5	7.0
1945	11.0	7.5	5.5	5.5	0.5	-1.0	-1.0	-4.0	0.5	1.5	12.0	13.5
1946	9.0	11.0	4.0	1.0	-1.0	-1.5	-1.5	-1.5	1.5	-1.5	5.5	11.0
1947	7.0	14.0	4.5	5.0	0.5	0.0	0.5	-1.0	-0.5	7.5	5.5	7.0
1948	6.5	10.5	6.0	2.5	2.0	-2.0	-2.0	-2.0	2.0	2.5	8.5	10.0
1949	6.5	12.5	4.5	4.0	-0.5	-2.0	-2.5	-1.0	0.5	3.5	7.5	10.5
1950	7.5	16.0	7.0	6.5	-1.0	-3.0	-1.0	0.5	0.5	5.5	12.0	10.0
1951	14.5	5.5	9.0	3.5	1.5	-3.0	-2.5	-2.0	2.5	6.5	7.5	8.0
1952	18.0	11.0	6.0	1.5	0.0	-1.0	-4.5	-1.0	1.5	2.0	4.0	12.5
1953	15.0	7.5	5.5	3.0	-0.5	-2.0	-2.5	-2.0	1.5	4.5	8.5	8.5
1954	14.5	6.5	2.5	6.0	0.5	-0.5	-1.5	-3.0	1.5	5.0	6.5	8.0
1955	6.5	8.0	4.0	3.5	0.0	-3.5	-1.5	-2.5	1.0	3.0	11.5	12.0
1956	17.5	8.5	7.0	2.5	-1.0	-1.0	-3.0	-1.5	1.0	6.5	5.0	12.5
1957	4.0	8.0	7.5	4.0	3.5	-0.5	-2.0	-0.5	0.5	3.5	6.5	11.0
1958	11.5	17.0	6.5	3.5	-0.5	-1.0	-1.5	0.0	-1.0	1.5	7.0	13.5
1926-57 Mean	10.16	9.61	6.71	4.29	1.00	-0.81	-2.02	-1.45	0.92	4.19	7.84	10.48
Std dev	3.68	3.15	2.54	1.72	1.36	1.12	1.28	1.35	1.01	2.02	2.97	2.40

Table 4

Cross-current wind components at locations 3a to 6a, 1946-1958. /Locations are shown in fig. 4. Values, given in millibars, also represent wind speeds in meters per second, see text./

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
LOCATION 3a												
1946	-2	-2	0	1	-1	1	3	3	1	1	0	0
1947	-2	-4	-3	0	0	1	2	0	2	2	-5	-2
1948	-1	0	0	-2	1	1	2	2	1	1	-1	0
1949	2	1	-2	0	1	0	3	2	1	0	0	-1
1950	0	-2	-2	2	1	2	3	0	0	1	0	2
1951	-4	-1	0	-1	0	2	1	1	1	-2	0	0
1952	1	-4	-1	1	3	0	3	2	1	1	-1	-2
1953	-4	-5	2	-1	0	1	1	3	1	0	-1	-3
1954	-1	-4	0	0	1	0	3	1	0	0	-2	1
1955	-2	0	1	2	1	1	1	4	3	1	0	0
1956	1	0	0	2	0	1	4	5	-1	0	-1	-6
1957	-3	-2	0	0	-1	0	5	-1	0	0	-3	1
1958	-4	-4	2	0	1	1	2	3	1	2	1	-2
1946-57 Mean	-1.2	-1.9	-0.4	0.3	0.5	0.8	2.6	1.8	0.8	0.4	-1.2	-0.8
LOCATION 4a												
1946	0	0	5	1	1	2	4	2	2	0	0	3
1947	2	-2	-1	0	0	0	5	3	0	0	-2	0
1948	0	3	5	5	1	0	3	3	2	-1	-1	2
1949	2	2	4	1	1	1	3	2	-1	0	-1	3
1950	6	0	0	0	0	2	1	2	-1	0	0	0
1951	0	1	-2	0	-3	-1	3	3	0	1	1	1
1952	0	0	4	0	4	2	0	5	-1	0	0	0
1953	-3	-4	4	1	-1	3	3	3	2	-1	0	-5
1954	0	-2	4	0	0	0	5	0	-2	-2	-3	1
1955	0	3	0	2	0	3	4	3	1	0	-3	0
1956	4	1	1	-1	0	1	3	4	0	0	-3	-3
1957	3	-1	1	1	1	0	1	1	-3	-4	-2	1
1958	-5	-4	4	0	0	-1	1	1	0	0	-1	-4
1946-57 Mean	1.2	0.1	2.1	0.8	0.3	1.1	2.9	2.6	-0.1	-0.6	-1.2	0.3

Table 4--Continued

Cross-current wind components at locations 3a to 6a, 1946-1958

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
LOCATION 5a												
1946	0	-1	0	-1	-3	2	0	0	-1	-2	0	2
1947	3	1	1	0	-3	0	0	5	0	-6	0	-1
1948	-1	3	0	4	-3	0	1	4	0	-3	-1	2
1949	0	1	3	-3	0	3	0	1	-3	-1	-7	1
1950	7	1	1	-2	-3	-2	-1	1	-2	-3	-3	-6
1951	1	3	4	0	0	0	2	1	-2	0	-3	1
1952	0	0	2	-4	-3	3	1	1	0	-6	-2	-7
1953	0	1	-2	-1	-1	3	-1	0	-1	-4	-4	-2
1954	0	0	1	-1	-2	-1	0	4	3	-5	-5	-1
1955	0	3	0	-3	0	1	2	-2	-2	-4	-1	0
1956	-3	2	-1	-2	-3	0	-2	-4	3	-1	-4	2
1957	7	4	0	0	-2	0	0	3	-1	-3	-2	-4
1958	-5	-2	0	-2	-1	0	-2	-1	1	-3	-5	-5
1946-57 Mean	1.2	1.5	0.8	-1.1	-1.9	0.8	0.2	1.2	-0.5	-3.2	-2.7	-1.1
LOCATION 6a												
1946	3	0	-1	-2	3	-1	-1	1	-2	1	-1	0
1947	2	5	3	2	1	1	-2	2	2	-7	7	0
1948	2	3	-4	-4	-3	5	-1	0	-2	0	2	-1
1949	6	0	2	0	1	3	0	-2	-3	1	-3	2
1950	1	-3	2	-2	3	-1	0	-1	0	-5	-4	-5
1951	1	0	1	3	3	9	0	2	4	0	-2	0
1952	-1	2	0	-3	-4	1	4	0	2	0	2	-1
1953	3	6	-3	1	0	3	0	-2	-1	-1	-2	5
1954	2	3	0	1	0	0	-4	2	0	2	0	-2
1955	2	2	5	-3	2	0	-1	-1	0	-4	0	-3
1956	-9	0	0	2	2	0	0	1	3	-4	6	7
1957	6	5	0	0	0	2	0	0	2	4	3	-5
1958	2	-4	-1	0	1	6	-3	-2	0	-2	0	4
1946-57 Mean	1.5	1.9	0.4	-0.4	0.7	1.8	-0.4	0.2	0.4	-1.1	0.7	-0.2

TABLE 5 REGIONAL AVERAGES

Regional averages of pressure differences (PD) and anomalies (DEV) for selected locations representing wind components tangential to, and normal to, the underlying ocean current. /Anomalies were computed from 1926-57 monthly means. Values, given in millibars, also represent wind speeds in meters per second, see text./

Locations 1-2 (Kuroshio Index)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
Year	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	-2.0	1.2	-2.5	-0.1	0.0	1.5	2.0	1.7	2.5	1.4	0.5	-2.1	4.5	2.1	0.5	-0.6	2.5	3.1	-3.5	0.1	-3.0	0.8	-1.5	2.0
1927	-3.0	0.2	-3.0	-0.6	-2.0	-0.6	-2.0	-2.4	1.0	-0.1	1.5	-1.1	2.5	0.1	3.5	2.4	-1.0	-0.5	-3.0	0.6	-2.5	1.3	-1.0	2.5
1928	-2.0	1.2	-3.0	-0.6	-2.0	-0.6	-2.0	-2.4	1.0	-0.1	3.5	0.9	0.0	-2.5	0.0	-1.1	-1.5	-1.0	-6.0	-2.5	-3.5	0.3	-2.5	1.0
1929	-2.5	0.7	-2.0	0.5	-1.5	-0.1	1.5	1.2	0.5	-0.6	2.0	-0.6	2.0	-0.5	2.5	1.4	0.0	0.6	-4.0	-0.5	-5.0	-1.2	-4.0	-0.5
1930	-6.5	-3.4	-4.0	-1.6	-2.5	-1.1	0.5	0.2	0.0	-1.1	2.5	-0.1	2.0	-0.5	-0.5	-1.6	-2.5	-2.0	-3.0	0.6	-2.0	1.8	-5.0	-1.5
1931	-2.5	0.7	-3.0	-0.6	-1.0	0.5	1.5	1.2	0.0	-1.1	2.0	-0.6	4.0	1.6	1.0	-0.1	-0.5	0.1	-4.0	-0.5	-4.0	-0.2	-2.5	1.0
1932	-4.0	-0.9	-3.5	-1.1	-0.5	1.0	3.0	2.7	2.5	1.4	0.5	-2.1	3.5	1.1	2.5	1.4	-1.0	-0.5	-2.5	1.1	-3.0	0.8	-4.5	-1.0
1933	-4.5	-1.4	-3.5	-1.1	-3.0	-1.6	-0.5	-0.9	0.5	-0.6	3.0	0.4	0.5	-2.0	2.0	0.9	0.5	1.1	-2.0	1.6	-5.0	-1.2	-3.0	0.5
1934	-4.0	-0.9	-3.5	-1.1	0.5	2.0	-1.5	-1.9	1.0	-0.1	3.5	0.9	3.5	1.1	1.0	-0.1	0.5	1.1	-7.5	-4.0	-2.5	1.3	-5.5	-2.0
1935	-3.0	0.2	-2.0	0.5	-1.0	0.5	-1.0	-1.4	1.5	0.4	4.0	1.4	1.5	-1.0	1.0	-0.1	-1.0	-0.5	-2.0	1.6	-4.5	-0.7	-3.5	0.0
1936	-3.0	0.2	-3.0	-0.6	-2.5	-1.1	3.0	2.7	0.0	-1.1	2.0	-0.6	4.0	1.6	3.0	1.9	-1.0	-0.5	-3.0	0.6	-5.5	-1.7	-3.0	0.5
1937	-4.5	-1.4	-1.5	1.0	-1.5	-0.1	0.0	-0.4	2.5	1.4	-1.0	-3.6	2.5	0.1	1.5	0.4	0.5	1.1	-3.5	0.1	-1.5	2.3	-1.5	2.0
1938	-4.5	-1.4	-1.5	1.0	-1.5	-0.1	2.0	1.7	2.5	1.4	2.0	-0.6	1.0	-1.5	-0.5	-1.6	-2.0	-1.5	-3.0	0.6	-3.0	0.8	-3.0	0.5
1939	-4.0	-0.9	-3.5	-1.1	-3.0	-1.6	0.0	-0.4	0.0	-1.1	3.5	0.9												
1940																					-4.0	-0.2		
1941	-3.5	-0.4							0.5	-0.6	3.0	0.4	3.5	1.1	1.0	-0.1	-2.0	-1.5	-4.5	-1.0				
1942																	2.0	1.4	-2.0	1.6	-0.5	3.3	-1.5	2.0
1943	-2.5	0.7	-1.5	1.0	0.0	1.5	0.0	-0.4	1.0	-0.1	2.0	-0.6	0.0	-2.5	0.0	-1.1	0.5	1.1	0.5	4.1	0.5	4.3	-1.0	0.5
1944			1.0	3.5	-1.5	-0.1	1.5	1.2	2.0	0.9	3.5	0.9	3.5	1.1	1.5	0.4	-1.5	-1.0	-4.5	-1.0	-4.0	-0.2	-4.5	-1.0
1945	-4.5	-1.4	-4.0	-1.6	-1.0	0.5	-0.5	-0.9	-1.5	-2.6	0.5	-2.1	1.0	-1.5	3.0	1.9	1.5	2.1	-4.0	-0.5	-3.0	0.8	-3.0	0.5
1946	-3.0	0.2	-2.5	-0.1	-2.0	-0.6	2.0	1.7	0.0	-1.1	4.0	1.4	1.0	-1.5	0.0	-1.1	-0.5	0.1	-3.0	0.6	-4.5	-0.7	-2.5	1.0
1947	-4.0	-0.9	-2.0	0.5	-1.0	0.5	1.5	1.2	1.0	-0.1	2.5	-0.1	3.0	0.6	1.5	0.4	-1.0	-0.5	-6.0	-2.5	-4.0	-0.2	-4.0	-0.5
1948	-1.0	2.2	-1.5	1.0	-2.0	-0.6	-1.0	-1.4	0.5	-0.6	3.5	0.9	4.0	1.6	-0.5	-1.6	-1.5	-1.0	-3.5	0.1	-7.0	-3.2	-3.0	0.5
1949	-2.0	1.2	-0.5	2.0	-1.5	-0.1	1.0	0.7	3.5	2.4	1.5	-1.1	2.5	0.1	2.0	0.9	-1.0	-0.5	-3.0	0.6	-5.0	-1.2	-3.0	0.5
1950	-0.5	2.7	-1.5	1.0	-0.5	1.0	-1.5	-1.9	1.5	0.4	3.0	0.4	2.0	-0.5	0.5	-0.6	-0.5	0.1	-4.0	-0.5	-4.5	-0.7	-4.5	-1.0
1951	-3.5	-0.4	-3.0	-0.6	-1.0	0.5	1.0	0.7	1.0	-0.1	2.5	-0.1	3.0	0.6	0.5	-0.6	0.0	0.6	-4.5	-1.0	-3.0	0.8	-3.0	0.5
1952	-2.0	1.2	-4.0	-1.6	-2.5	-1.1	1.0	0.7	0.5	-0.6	4.0	1.4	2.0	-0.5	0.0	-1.1	0.0	0.6	-3.0	0.6	-4.5	-0.7	-4.5	-1.0
1953	-4.0	-0.9	-3.5	-1.1	-0.5	1.0	-1.5	-1.9	1.5	0.4	5.0	2.4	2.5	0.1	0.5	-0.6	-0.5	0.1	-2.0	1.6	-5.0	-1.2	-5.5	-2.0
1954	-3.0	0.2	-3.0	-0.6	-3.0	-1.6	0.0	-0.4	1.5	0.4	3.5	0.9	3.0	0.6	0.5	-0.6	-0.5	0.1	-5.0	-1.5	-6.0	-2.2	-5.5	-2.0
1955	-1.5	1.7	0.0	2.5	-2.5	-1.1	-1.5	-1.9	2.0	0.9	4.5	1.9	2.5	0.1	0.5	-0.6	-1.5	-1.0	-4.5	-1.0	-4.0	-0.2	-5.5	-2.0
1956	-2.0	1.2	-2.0	0.5	0.0	1.5	1.5	1.2	2.0	0.9	3.5	0.9	1.5	-1.0	3.0	1.9	-0.5	0.1	-4.5	-1.0	-6.0	-2.2	-4.5	-1.0
1957	-3.5	-0.4	-3.5	-1.1	-1.5	-0.1	1.0	0.7	0.5	-0.6	2.5	-0.1	3.5	1.1	1.0	-0.1	0.0	0.6	-2.5	1.1	-4.0	-0.2	-2.5	1.0

TABLE 5 REGIONAL AVERAGES - CONTINUED

Locations 3-6 (Westerly Index)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
Year	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	9.5	3.2	9.0	2.7	8.5	2.1	6.8	0.9	5.0	-0.7	2.3	-1.7	6.0	1.5	4.8	0.9	6.5	2.7	6.3	0.9	7.3	1.4	9.5	2.5
1927	6.8	0.4	8.0	1.7	6.3	-0.1	2.0	-3.9	5.5	-0.2	6.8	2.8	4.5	0.0	5.3	1.4	4.0	0.2	5.0	-0.4	5.3	-0.7	8.5	1.5
1928	10.0	3.7	8.5	2.1	5.5	-0.9	6.5	0.6	5.5	-0.2	4.3	0.3	4.5	0.0	2.8	-1.1	3.5	-0.3	5.5	0.2	8.8	2.8	10.8	3.8
1929	8.0	1.7	9.3	2.9	7.5	1.1	5.8	-0.1	6.3	0.6	4.0	0.1	4.8	0.3	4.0	0.2	5.8	2.0	6.5	1.2	7.8	1.8	4.5	-2.5
1930	2.8	-3.6	1.5	-4.8	3.3	-3.1	6.0	0.1	8.5	2.9	6.3	2.3	3.5	-1.0	1.3	-2.6	1.0	-2.8	4.5	-0.9	6.5	0.6	9.8	2.8
1931	11.5	5.2	9.3	2.9	4.0	-2.4	4.3	-1.6	4.0	-1.7	1.0	-3.0	2.5	-2.0	5.3	1.4	3.5	-0.3	8.0	2.7	8.0	2.1	7.8	0.8
1932	6.5	0.2	3.3	-3.1	5.5	-0.9	7.0	1.1	8.0	2.4	2.8	-1.2	5.3	0.8	4.3	0.4	3.8	-0.1	6.8	1.4	3.8	-2.2	9.3	2.3
1933	6.3	-0.1	4.0	-2.3	6.0	-0.4	6.5	0.6	4.0	-1.7	4.8	0.8	5.5	1.0	4.8	0.9	5.5	1.7	4.8	-0.6	4.5	-1.5	-1.0	-8.0
1934	6.3	-0.1	6.5	0.2	6.3	-0.1	7.3	1.4	3.5	-2.2	6.3	2.3	4.3	-0.2	4.3	0.4	3.8	-0.1	6.0	0.7	7.0	1.1	7.8	0.8
1935	4.5	-1.8	6.5	0.2	5.0	-1.4	3.8	-2.1	4.3	-1.4	3.8	-0.2	6.0	1.5	3.3	-0.6	1.3	-2.6	0.8	-4.6	5.5	-0.5	7.3	0.3
1936	7.8	1.4	3.8	-2.6	7.3	0.9	6.5	0.6	8.8	3.1	2.0	-2.0	3.0	-1.5	3.5	-0.4	3.5	-0.3	6.8	1.4	7.3	1.3	8.8	1.8
1937	4.3	-2.1	6.3	-0.1	5.5	-0.9	5.0	-0.9	7.3	1.6	4.5	0.6	6.5	2.0	5.8	1.9	4.8	1.0	5.5	0.2	3.3	-2.7	5.3	-1.8
1938	6.8	0.4	2.3	-4.1	7.5	1.1	8.5	2.6	7.5	1.9	6.0	2.1	3.3	-1.2	4.0	0.2	5.0	1.2	6.8	1.4	5.8	-0.2	12.3	5.3
1939	8.0	1.7	8.8	2.4	4.3	-2.1	5.5	-0.4	2.8	-2.9	1.8	-2.2												
1940																			5.0	-0.4	4.3	-1.7	6.3	-0.8
1941	5.3	-1.1	6.3	-0.1	9.0	2.5	6.3	0.3	5.3	-0.4	4.8	0.8	3.3	-1.2	1.3	-2.6	4.0	0.2	3.5	-1.9				
1942															5.0	1.2	2.3	-1.6	4.5	-0.9	-2.0	-8.0	3.3	-3.8
1943	5.0	-1.3	6.8	0.4	1.0	-5.4	7.5	1.6	2.3	-3.4	2.5	-1.5	4.5	0.0	3.5	-0.4	6.5	2.7	7.5	2.2	9.0	3.1	8.5	1.5
1944	9.8	3.4	8.5	2.2	0.0	-6.4	6.0	0.1	6.5	0.9	4.5	0.6	6.3	1.8	3.8	-0.1	2.3	-1.6	2.3	-3.1	9.3	3.3	8.8	1.8
1945	10.3	3.9	6.5	0.2	13.3	6.9	1.3	-4.6	2.0	-3.7	1.8	-2.2	4.3	-0.2	4.3	0.4	4.3	0.5	6.8	1.4	2.5	-3.5	7.3	0.3
1946	10.3	3.9	9.5	3.2	9.8	3.4	10.3	4.4	3.8	-1.9	4.5	0.6	4.0	-0.5	2.0	-1.9	3.3	-0.6	5.3	-0.1	1.8	-4.2	5.5	-1.5
1947	0.8	-5.6	4.3	-2.1	5.5	-0.9	8.3	2.4	8.5	2.9	5.3	1.3	7.0	2.5	4.5	0.7	4.0	0.2	5.5	0.2	9.5	3.6	10.8	3.8
1948	8.8	2.4	5.3	-1.1	4.5	-1.9	-1.3	-7.1	3.0	-2.7	4.5	0.6	6.0	1.5	4.5	0.7	3.5	-0.3	7.0	1.7	9.8	3.8	8.5	1.5
1949	6.5	0.2	4.5	-1.8	10.3	3.9	7.8	1.9	5.3	-0.4	3.0	-1.0	6.3	1.8	3.8	-0.1	5.3	1.5	6.5	1.2	8.5	2.6	5.0	-2.0
1950	0.3	-6.1	3.0	-3.3	9.8	3.4	4.5	-1.4	7.0	1.4	3.3	-0.7	5.8	1.3	4.8	0.9	4.3	0.5	5.8	0.4	-1.8	-7.7	4.3	-2.8
1951	5.5	-0.8	5.8	-0.6	3.0	-3.4	8.5	2.6	6.0	0.4	3.3	-0.7	3.3	-1.2	3.5	-0.4	2.0	-1.8	5.8	0.4	6.0	-0.1	4.3	-2.8
1952	6.0	-0.3	8.3	1.9	7.3	0.9	7.3	1.4	5.0	-0.7	5.8	1.8	3.8	-0.7	2.5	-1.4	3.0	-0.8	4.5	-0.9	9.0	3.1	8.8	1.8
1953	5.3	-1.1	10.0	3.7	8.3	1.9	7.3	1.4	5.8	0.1	3.3	-0.7	2.3	-2.2	4.8	0.9	2.0	-1.8	6.5	1.2	11.3	5.3	10.5	3.5
1954	0.3	-6.1	7.5	1.2	5.0	-1.4	0.5	-5.4	7.5	1.9	4.8	0.8	3.5	-1.0	4.5	0.7	3.5	-0.3	5.5	0.2	7.3	1.3	5.0	-2.0
1955	12.8	6.4	6.3	-0.1	4.0	-2.4	7.8	1.9	8.0	2.4	4.0	0.1	6.5	2.0	3.3	-0.6	4.3	0.5	6.5	1.2	3.5	-2.5	-0.3	-7.3
1956	1.0	-5.3	6.0	-0.3	9.0	2.6	6.8	0.9	9.3	3.6	4.5	0.6	3.0	-1.5	4.5	0.7	3.8	-0.1	0.8	-4.6	5.3	-0.7	3.5	-3.5
1957	4.0	-2.3	2.8	-3.6	8.8	2.4	8.0	2.1	4.3	-1.4	4.0	0.1	2.3	-2.2	2.5	-1.4	5.0	1.2	4.0	-1.4	8.0	2.1	8.3	1.3

TABLE 5 REGIONAL AVERAGES - CONTINUED

Locations 9-10 (California Index)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
Year	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	0.5	-1.3	0.5	-1.3	3.5	0.1	2.0	-1.8	4.5	-0.3	6.0	0.5	6.5	0.9	5.0	-0.2	6.5	2.0	2.0	-1.1	0.5	-1.3	4.5	3.1
1927	2.0	0.3	0.0	-1.8	5.5	2.1	4.5	0.8	6.0	1.2	5.5	-0.1	5.0	-0.6	4.5	-0.7	5.0	0.5	4.0	1.0	3.0	1.2	3.5	2.1
1928	-1.0	-2.8	1.0	-0.8	1.0	-2.4	5.0	1.3	5.5	0.7	5.0	-0.6	5.0	-0.6	5.0	-0.2	5.0	0.5	3.5	0.5	0.5	-1.3	0.5	-0.9
1929	2.5	0.8	3.0	1.2	5.0	1.6	4.0	0.3	4.5	-0.3	3.5	-2.1	5.0	-0.6	4.5	-0.7	5.5	1.0	3.0	-0.1	2.0	0.2	0.0	-1.4
1930	1.5	-0.3	0.0	-1.8	4.0	0.6	2.0	-1.8	6.5	1.7	7.0	1.5	5.0	-0.6	5.0	-0.2	5.5	1.0	3.0	-0.1	1.5	-0.3	1.5	0.1
1931	0.0	-1.8	2.5	0.7	1.5	-1.9	2.0	-1.8	3.0	-1.8	5.5	-0.1	6.0	0.4	5.0	-0.2	5.5	1.0	5.0	2.0	3.5	1.7	1.0	-0.4
1932	5.0	3.2	4.0	2.2	1.5	-1.9	2.5	-1.3	6.0	1.2	6.0	0.5	5.0	-0.6	6.5	1.3	5.0	0.5	4.0	1.0	1.5	-0.3	3.0	1.6
1933	5.5	3.8	2.5	0.7	1.5	-1.9	7.0	3.3	5.0	0.2	5.5	-0.1	6.0	0.4	5.5	0.3	5.0	0.5	3.5	0.5	2.0	0.2	-0.5	-1.9
1934	1.5	-0.3	-2.5	-4.3	0.0	-3.4	3.0	-0.8	3.5	-1.3	6.5	1.0	6.0	0.4	4.5	-0.7	4.5	-0.1	2.0	-1.1	1.5	-0.3	3.0	1.6
1935	-1.0	-2.8	1.0	-0.8	3.5	0.1	3.0	-0.8	6.5	1.7	4.5	-1.1	7.0	1.4	6.0	0.8	3.5	-1.1	1.5	-1.6	1.5	-0.3	-1.0	-2.4
1936	1.0	-0.8	0.0	-1.8	5.0	1.6	1.5	-2.3	4.0	-0.8	3.5	-2.1	6.5	0.9	5.5	0.3	5.0	0.5	4.5	1.5	1.0	-0.8	4.0	2.6
1937	7.0	5.3	1.0	-0.8	1.5	-1.9	4.0	0.3	5.5	0.7	3.5	-2.1	5.5	-0.1	5.5	0.3	5.0	0.5	3.0	-0.1	2.0	0.2	0.5	-0.9
1938	1.0	-0.8	2.0	0.2	3.0	-0.4	4.0	0.3	5.0	0.2	6.0	0.5	5.0	-0.6	5.0	-0.2	4.0	-0.6	3.0	-0.1	2.0	0.2	3.5	2.1
1939	4.0	2.3	6.5	4.7	3.5	0.1	3.5	-0.3	4.5	-0.3	5.5	-0.1												
1940																			1.5	-1.6	1.0	-0.8	-1.0	-2.4
1941	-1.5	-3.3	-1.5	-3.3	2.5	-0.9	5.5	1.8	3.5	-1.3	7.0	1.5	6.5	0.9	4.5	-0.7	4.5	-0.1	4.5	1.5	-1.0	-2.8	3.0	1.6
1942	-1.5	-3.3	0.0	-1.8	1.0	-2.4	1.0	-1.9	3.0	-1.8			5.5	-0.1	6.0	0.8	4.0	-0.6	1.5	-1.6	2.5	0.7	0.5	-0.9
1943	0.0	-1.8	0.5	-1.3	2.0	-1.4	4.0	0.3	5.0	0.2	7.0	1.5	6.0	0.4	6.5	1.3	5.5	1.0	5.0	2.0	-1.0	-2.8	1.5	0.1
1944	0.0	-1.8	4.5	2.7	2.5	-0.9	3.0	-0.8	4.5	-0.3	5.5	-0.1	6.5	0.9	4.0	-1.2	4.5	-0.1	0.0	-3.1	4.0	2.2	-2.5	-3.9
1945	0.0	-1.8	2.5	0.7	6.0	2.6	6.0	2.3	3.0	-1.8	5.0	-0.6	3.5	-2.1	5.0	-0.2	3.5	-1.1	2.5	-0.6	4.0	2.2	-1.5	-2.9
1946	1.5	-0.3	1.5	-0.3	6.5	3.1	3.0	-0.8	4.5	-0.3	5.5	-0.1	5.5	-0.1	4.5	-0.7	4.0	-0.6	3.0	-0.1	1.5	-0.3	0.5	-0.9
1947	1.0	-0.8	2.5	0.7	2.5	-0.9	4.5	0.8	4.0	-0.8	5.0	-0.6	5.5	-0.1	5.0	-0.2	3.5	-1.1	2.0	-1.1	3.0	1.2	2.0	0.6
1948	1.0	-0.8	4.0	2.2	4.0	0.6	3.0	-0.8	5.0	0.2	5.0	-0.6	5.0	-0.6	5.0	-0.2	4.0	-0.6	2.5	-0.6	3.0	1.2	5.0	3.6
1949	5.5	3.8	3.5	1.7	3.0	-0.4	1.5	-2.3	4.5	-0.3	5.0	-0.6	5.0	-0.6	4.5	-0.7	4.5	-0.1	4.5	1.5	0.5	-1.3	4.0	2.6
1950	3.5	1.8	0.5	-1.3	2.0	-1.4	3.5	-0.3	6.5	1.7	4.5	-1.1	4.5	-1.1	3.5	-1.7	4.5	-0.1	3.0	-0.1	0.5	-1.3	-1.5	-2.9
1951	3.0	1.3	2.5	0.7	4.5	1.1	4.0	0.3	5.0	0.2	6.0	0.5	6.5	0.9	6.5	1.3	3.0	-1.6	3.5	0.5	2.5	0.7	4.5	3.1
1952	2.0	0.3	1.5	-0.3	8.0	4.6	4.5	0.8	3.5	-1.3	7.5	2.0	5.5	-0.1	5.0	-0.2	5.0	0.5	2.0	-1.1	3.0	1.2	1.5	0.1
1953	0.5	-1.3	4.5	2.7	5.5	2.1	4.5	0.8	5.5	0.7	7.5	2.0	4.5	-1.1	6.0	0.8	4.0	-0.6	3.0	-0.1	2.5	0.7	2.0	0.6
1954	2.5	0.8	1.5	-0.3	4.0	0.6	3.0	-0.8	5.0	0.2	7.5	2.0	5.5	-0.1	5.5	0.3	5.0	0.5	3.0	-0.1	0.0	-1.8	-0.5	-1.9
1955	3.0	1.3	2.0	0.2	4.0	0.6	5.5	1.8	7.0	2.2	6.5	1.0	7.0	1.4	6.0	0.8	6.0	1.5	4.0	1.0	3.0	1.2	1.0	-0.4
1956	0.5	-1.3	4.0	2.2	3.5	0.1	5.5	1.8	4.0	-0.8	5.5	-0.1	6.5	0.9	5.5	0.3	3.0	-1.6	4.0	1.0	2.0	0.2	1.0	-0.4
1957	3.0	1.3	-1.0	-2.8	3.5	0.1	4.5	0.8	5.0	0.2	5.5	-0.1	6.0	0.4	5.5	0.3	3.5	-1.1	3.5	0.5	2.5	0.7	0.5	-0.9

TABLE 5 REGIONAL AVERAGES - CONTINUED

Locations 11-16 (Trade Index)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
Year	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	7.0	1.1	6.3	0.6	7.0	0.4	7.0	-0.6	7.3	0.4	7.7	0.9	9.0	1.9	8.0	1.6	7.3	1.8	7.3	1.7	6.3	0.0	9.0	2.6
1927	8.3	2.5	6.0	0.3	9.0	2.4	8.7	1.1	8.0	1.1	8.3	1.6	7.0	-0.1	8.0	1.6	5.7	0.2	7.3	1.7	7.0	0.7	7.3	1.0
1928	8.0	2.1	8.0	2.3	3.7	-3.0	8.3	0.8	8.7	1.7	5.7	-1.1	7.3	0.2	7.3	0.9	6.7	1.2	8.0	2.3	8.0	1.7	9.0	2.6
1929	5.3	-0.5	6.0	0.3	9.3	2.7	7.7	0.1	8.8	1.9	6.7	-0.1	8.0	0.9	6.7	0.2	6.7	1.2	6.0	0.4	6.7	0.3	6.3	-0.1
1930	4.7	-1.2	4.0	-1.7	5.3	-1.3	8.0	0.4	7.3	0.4	7.7	0.9	8.7	1.5	6.7	0.2	5.3	-0.2	5.7	0.0	7.0	0.7	8.0	1.6
1931	7.7	1.8	7.7	2.0	5.3	-1.3	6.7	-0.9	5.7	-1.3	6.0	-0.7	5.7	-1.5	7.0	0.6	4.3	-1.2	6.7	1.0	7.0	0.7	8.0	1.6
1932	7.3	1.5	4.0	-1.7	6.3	-0.3	7.7	0.1	8.3	1.4	6.7	-0.1	7.3	0.2	6.7	0.2	5.7	0.2	5.3	-0.3	6.0	-0.4	8.3	2.0
1933	9.0	3.1	7.3	1.6	6.7	0.1	7.0	-0.6	6.3	-0.6	7.3	0.6	8.0	0.9	5.0	-1.4	5.3	-0.2	5.0	-0.7	5.7	-0.7	5.3	-1.1
1934	7.3	1.5	3.7	-2.1	4.7	-2.0	7.3	-0.2	6.0	-0.9	7.0	0.3	7.7	0.5	5.7	-0.8	6.0	0.5	5.0	-0.7	6.3	0.0	5.3	-1.1
1935	6.0	0.1	7.0	1.3	5.3	-1.3	7.0	-0.6	7.3	0.4	6.7	-0.1	8.0	0.9	5.0	-1.4	5.3	-0.2	5.0	-0.7	5.3	-1.0	6.7	0.3
1936	5.7	-0.2	1.7	-4.1	6.7	0.1	7.0	-0.6	8.7	1.7	4.3	-2.4	6.7	-0.5	5.7	-0.8	6.0	0.5	6.3	0.7	6.7	0.3	8.0	1.6
1937	8.0	2.1	5.3	-0.4	7.3	0.7	8.3	0.8	6.7	-0.3	6.0	-0.7	6.7	-0.5	8.0	1.6	6.0	0.5	5.7	0.0	6.0	-0.4	6.0	-0.4
1938	6.7	0.8	4.7	-1.1	8.7	2.1	8.7	1.1	6.3	-0.6	8.3	1.6	6.7	-0.5	7.3	0.9	6.0	0.5	6.3	0.7	7.3	1.0	8.3	2.0
1939	6.3	0.5	7.7	2.0	6.7	0.1	7.3	-0.2	6.3	-0.6	7.7	0.9												
1940																					2.3	-4.0		
1941									6.3	-0.6	6.0	-0.7	6.3	-0.8	4.3	-2.1	5.0	-0.5	5.0	-0.7	4.7	-1.7		
1942															6.7	0.2	4.7	-0.8	2.7	-3.0	5.7	-0.7	4.3	-2.1
1943	3.7	-2.2	7.0	1.3	4.3	-2.3	2.7	-4.9	5.0	-1.9	5.3	-1.4	6.3	-0.8	6.0	-0.4	4.7	-0.8	5.7	0.0	7.3	1.0	4.7	-1.7
1944	4.7	-1.2	7.3	1.6	4.0	-2.6	8.7	1.1	5.3	-1.6	7.0	0.2	7.3	0.2	7.0	0.6	5.7	0.2	5.3	-0.3	6.3	0.0	4.3	-2.1
1945	1.3	-4.5	4.0	-1.7	8.0	1.4	8.7	1.1	3.7	-3.3	5.3	-1.4	5.0	-2.1	5.3	-1.1	5.7	0.2	5.3	-0.3	5.7	-0.7	3.7	-2.7
1946	6.7	0.8	5.7	-0.1	5.7	-1.0	9.3	1.8	4.3	-2.6	6.7	-0.1	7.0	0.1	5.3	-1.1	3.3	-2.2	4.7	-1.0	5.0	-1.4	5.7	-0.7
1947	5.7	-0.2	4.3	-1.4	7.0	0.4	9.3	1.8	7.0	0.1	6.3	-0.4	7.7	0.5	6.0	-0.4	5.0	-0.5	4.7	-1.0	6.0	-0.4	6.3	-0.1
1948	5.0	-0.9	5.3	-0.4	7.7	1.1	5.3	-2.2	6.0	-0.9	4.7	-2.1	7.0	-0.1	6.3	-0.1	5.0	-0.5	5.7	0.0	7.0	0.7	8.3	2.0
1949	4.7	-1.2	6.3	0.6	5.7	-1.0	6.0	-1.6	7.0	0.1	6.0	-0.7	7.0	-0.1	7.3	0.9	5.7	0.2	6.3	0.7	7.0	0.7	5.7	-0.7
1950	3.3	-2.5	6.0	0.3	7.7	1.1	5.0	-2.6	7.3	0.4	6.7	-0.1	6.0	-1.1	5.3	-1.1	6.0	0.5	6.0	0.4	4.7	-1.7	6.0	-0.4
1951	6.7	0.8	5.3	-0.4	6.0	-0.6	8.3	0.8	7.3	0.4	6.3	-0.4	7.3	0.2	6.3	-0.1	4.3	-1.2	5.3	-0.3	7.7	1.3	6.3	-0.1
1952	6.3	0.5	6.3	0.6	7.3	0.7	8.3	0.8	7.7	0.7	8.0	1.3	6.0	-1.1	6.0	-0.4	5.3	-0.2	4.8	-0.8	8.0	1.7	8.0	1.6
1953	4.0	-1.9	7.3	1.6	7.3	0.7	7.3	-0.2	7.3	0.4	7.3	0.6	7.0	-0.1	6.7	0.2	4.7	-0.8	5.7	0.0	6.7	0.3	7.0	0.6
1954	4.7	-1.2	5.3	-0.4	7.3	0.7	7.0	-0.6	7.3	0.4	8.0	1.3	7.7	0.5	7.7	1.2	6.0	0.5	5.7	0.0	5.7	-0.7	6.7	0.3
1955	8.3	2.5	7.0	1.3	7.7	1.1	8.0	0.4	9.0	2.1	7.0	0.3	8.0	0.9	6.7	0.2	6.7	1.2	6.7	1.0	6.7	0.3	4.0	-2.4
1956	3.3	-2.5	6.7	1.0	9.0	2.4	9.3	1.8	9.3	2.4	8.3	1.6	8.7	1.5	7.7	1.2	6.0	0.5	6.3	0.7	7.0	0.7	6.3	-0.1
1957	5.3	-0.5	5.3	-0.4	7.3	0.7	9.0	1.4	6.3	-0.6	6.3	-0.4	6.3	-0.8	6.0	-0.4	5.0	-0.5	4.7	-1.0	7.7	1.3	6.7	0.3

TABLE 5 REGIONAL AVERAGES - CONTINUED

Locations 17-18 (Cross-Kuroshio Index)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
Year	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	6.5	2.1	5.5	1.9	4.5	2.0	4.0	2.7	-0.5	-0.8	-0.5	0.3	1.5	2.4	1.0	2.3	0.0	1.0	1.0	1.0	3.5	1.9	6.5	2.8
1927	5.5	1.1	4.5	0.9	2.0	-0.5	-1.5	-2.8	1.5	1.2	-0.5	0.3	0.5	1.4	-1.0	0.3	-1.5	-0.6	0.5	0.5	2.5	0.9	5.0	1.3
1928	4.0	-0.5	5.0	1.4	2.5	0.0	0.5	-0.8	0.0	-0.3	-1.5	-0.7	-2.5	-1.6	0.5	1.8	-2.0	-1.1	-0.5	-0.5	2.0	0.4	5.5	1.8
1929	6.0	1.6	5.5	1.9	4.0	1.5	2.5	1.2	-1.0	-1.3	-0.5	0.3	0.5	1.4	0.0	1.3	-0.5	0.5	-1.0	-1.0	1.0	-0.7	0.0	-3.7
1930	4.0	-0.5	2.0	-1.7	0.0	-2.5	0.5	-0.8	0.5	0.2	0.5	1.3	-1.0	-0.1	-2.0	-0.8	0.0	1.0	0.0	0.0	4.0	2.4	3.5	-0.2
1931	4.0	-0.5	2.0	-1.7	3.0	0.5	3.0	1.7	0.5	0.2	-2.5	-1.7	-0.5	0.4	-1.5	-0.3	-1.0	-0.1	0.5	0.5	1.0	-0.7	4.0	0.3
1932	4.0	-0.5	3.0	-0.7	5.0	2.5	2.5	1.2	2.0	1.7	-3.0	-2.2	0.0	0.9	-3.0	-1.8	-2.0	-1.1	2.0	2.0	3.0	1.4	3.0	-0.7
1933	4.0	-0.5	4.0	0.4	2.0	-0.5	0.5	-0.8	0.5	0.2	-1.5	-0.7	-1.0	-0.1	-2.0	-0.8	-0.5	0.5	-0.5	-0.5	2.0	0.4	5.0	1.3
1934	7.0	2.6	6.0	2.4	4.5	2.0	1.5	0.2	0.5	0.2	-0.5	0.3	0.0	0.9	0.5	1.8	0.0	1.0	0.0	0.0	4.5	2.9	3.0	-1.7
1935	5.5	1.1	4.0	0.4	3.0	0.5	0.5	-0.8	1.5	1.2	0.0	0.8	-1.0	-0.1	-1.5	-0.3	-2.5	-1.6	0.5	0.5	1.5	-0.2	4.5	0.8
1936	8.0	3.6	4.0	0.4	4.0	1.5	1.5	0.2	0.0	-0.3	0.0	0.8	0.0	0.9	-0.5	0.8	-2.0	-1.1	0.0	0.0	2.0	0.4	3.0	-0.7
1937	3.0	-1.5	2.0	-1.7	2.0	-0.5	-0.5	-1.8	1.5	1.2	-2.5	-1.7	-2.5	-1.6	-0.5	0.8	-1.0	-0.1	-1.0	-1.0	1.5	-0.2	6.0	2.3
1938	4.5	0.1	6.0	2.4	1.0	-1.5	2.0	0.7	0.0	-0.3	-0.5	0.3	-1.0	-0.1	-4.5	-3.3	0.0	1.0	-1.0	-1.0	3.5	1.9	5.0	1.3
1939	5.0	0.6	4.0	0.4	2.0	-0.5	0.0	-1.3	0.5	0.2	-1.0	-0.2												
1940																					2.0	0.4		
1941	3.0	-1.5	2.5	-1.2					0.0	-0.3	0.0	0.8	-1.0	-0.1	-3.0	-1.8	-1.5	-0.6	2.0	2.0				
1942															0.0	-1.3			1.0	1.0	1.0	-0.7	2.5	-1.2
1943	4.0	-0.5	3.0	-0.7	3.0	0.5	2.5	1.2	0.0	-0.3	-1.0	-0.2	-1.5	-0.6	-1.5	-0.3	-1.5	-0.6	0.5	0.5	1.0	-0.7	2.5	-1.2
1944	3.5	-1.0	5.0	1.4	0.0	-2.5	2.5	1.2	-0.5	-0.8	1.0	1.8	-1.0	-0.1	-1.5	-0.3	-1.0	-0.1	0.0	0.0	0.5	-1.2	3.0	-0.7
1945	3.5	-1.0	3.0	-0.7	3.0	0.5	2.0	0.7	1.5	1.2	-1.0	-0.2	-2.0	-1.1	-1.5	-0.3	0.5	1.5	0.5	0.5	2.5	0.9	5.0	1.3
1946	5.0	0.6	3.0	-0.7	2.0	-0.5	3.5	2.2	0.0	-0.3	2.0	2.8	-2.0	-1.1	-2.5	-1.3	0.5	1.5	0.5	0.5	1.0	-0.7	5.0	1.3
1947	2.0	-2.5	5.5	1.9	3.5	1.0	2.5	1.2	0.5	0.2	-1.0	-0.2	-0.5	0.4	0.0	1.3	-0.5	0.5	-0.5	-0.5	3.5	1.9	5.5	1.8
1948	5.0	0.6	3.0	-0.7	0.5	-2.0	0.0	-1.3	-0.5	-0.8	-1.0	-0.2	0.0	0.9	-1.5	-0.3	0.0	1.0	0.0	0.0	1.5	-0.2	3.0	-0.7
1949	6.5	2.1	3.5	-0.2	4.0	1.5	2.0	0.7	1.5	1.2	-3.5	-2.7	-2.0	-1.1	-1.5	-0.3	-0.5	0.5	0.0	0.0	-2.0	-1.7	3.5	-0.2
1950	4.0	-0.5	3.0	-0.7	3.5	1.0	-1.5	-2.8	-1.0	-1.3	-1.0	-0.2	-2.5	-1.6	-1.5	-0.3	-1.0	-0.1	0.0	0.0	0.5	-1.2	3.5	-0.2
1951	3.0	-1.5	1.5	-2.2	2.0	-0.5	1.0	-0.3	0.5	0.2	0.5	1.3	-0.5	0.4	-0.5	0.8	0.0	1.0	-0.5	-0.5	2.0	0.4	3.5	-0.2
1952	4.0	-0.5	3.0	-0.7	1.5	-1.0	1.0	-0.3	0.5	0.2	0.0	0.8	-1.5	-0.6	-0.5	0.8	0.0	1.0	-0.5	-0.5	-2.0	-3.7	2.5	-1.2
1953	4.0	-0.5	3.5	-0.2	2.0	-0.5	1.0	-0.3	-0.5	-0.8	0.0	0.8	-0.5	0.4	-1.5	-0.3	-1.0	-0.1	-0.5	-0.5	2.5	0.9	1.5	-2.2
1954	1.5	-3.0	2.5	-1.2	2.0	-0.5	0.0	-1.3	0.5	0.2	-3.0	-2.2	-1.5	-0.6	-2.5	-1.3	-4.0	-3.1	-1.0	-1.0	0.0	-1.7	3.5	-0.2
1955	5.0	0.6	3.5	-0.2	0.5	-2.0	0.5	-0.8	-1.0	-1.3	0.0	0.8	-1.0	-0.1	-1.5	-0.3	-1.0	-0.1	-1.0	-1.0	1.5	-0.2	4.0	0.3
1956	4.5	0.1	4.5	0.9	2.0	-0.5	2.0	0.7	0.5	0.2	0.0	0.8	-1.5	-0.6	0.0	1.3	-2.0	-1.1	-2.0	-2.0	1.0	-0.7	4.0	0.3
1957	3.0	-1.5	2.5	-1.2	4.0	1.5	1.5	0.2	-0.5	-0.8	-1.5	-0.7	-0.5	0.4	-2.0	-0.8	-1.5	-0.6	1.0	1.0	0.0	-1.7	3.0	-0.7

TABLE 5 REGIONAL AVERAGES - CONTINUED

Locations 21-23 (Oyashio Index)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
Year	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	4.7	1.6	5.7	1.7	2.7	0.6	2.3	2.8	2.7	2.9	1.7	2.1	-4.0	-1.4	-0.3	1.7	2.7	3.1	1.0	2.1	6.0	6.0	3.7	2.1
1927	2.7	-0.4	5.3	1.4	0.0	-2.1	4.7	5.2	-0.7	-0.5	-1.7	-1.2	-4.3	-1.7	-2.3	-0.3	2.0	2.4	1.0	2.1	3.7	3.7	-0.7	-2.3
1928	5.0	1.9	1.3	-2.6	7.0	4.9	-1.7	-1.2	-2.7	-2.5	0.0	0.4	-2.7	-0.1	-2.0	0.0	-3.3	-2.9	0.3	1.4	1.0	1.0	3.3	1.7
1929	5.3	2.2	9.3	5.4	-2.3	-4.4	-2.0	-1.5	1.3	1.5	-0.3	0.1	-3.3	-0.7	-2.3	-0.3	0.7	1.1	1.0	2.1	0.7	0.7	1.3	-0.3
1930	3.0	-0.1	8.7	4.7	2.3	0.3	1.7	2.2	1.3	1.5	1.0	1.4	-5.0	-2.4	-1.0	1.0	-1.3	-0.9	-1.7	-0.6	0.7	0.7	3.0	1.4
1931	8.3	5.2	4.0	0.1	3.3	1.3	-2.0	-1.5	0.7	0.9	-0.7	-0.2	-1.7	0.9	-1.3	0.7	0.3	0.8	-1.7	-0.6	0.3	0.4	-1.0	-2.6
1932	3.3	0.2	4.3	0.4	4.3	2.3	0.7	1.2	1.7	1.9	0.7	1.1	0.0	2.6	-2.7	-0.6	-0.3	0.1	0.0	1.1	-0.3	-0.3	4.7	3.1
1933	3.0	-0.1	2.0	-1.9	2.7	0.6	1.0	1.5	-1.3	-1.1	-0.3	0.1	-2.3	0.3	-1.7	0.4	1.3	1.8	1.3	2.4	-2.0	-2.0	1.3	-0.3
1934	7.0	3.9	6.3	2.4	4.0	1.9	-0.7	-0.2	0.0	0.2	-2.0	-1.6	-1.0	1.6	-1.7	0.4	0.7	1.1	-1.7	-0.6	-1.3	-1.3	1.0	-0.6
1935	2.0	-1.1	1.7	-2.3	1.0	-1.1	2.0	2.5	2.0	2.2	-0.7	-0.2	-3.0	-0.4	-1.3	0.7	-0.7	-0.2	1.0	2.1	3.3	3.4	2.7	1.1
1936	6.7	3.6	9.0	5.1	4.3	2.3	0.7	1.2	2.0	2.2	-2.3	-1.9	-3.0	-0.4	-3.3	-1.3	1.0	1.4	1.3	2.4	1.7	1.7	0.0	-1.6
1937	-3.3	-6.4	-2.0	-5.9	0.3	-1.7	-3.7	-3.2	1.3	1.5	0.3	0.8	-4.0	-1.4	-3.0	-1.0	-0.7	-0.2	-1.3	-0.2	-3.3	-3.3	1.0	-0.6
1938	6.7	3.6	1.3	-2.6	1.3	-0.7	-0.3	0.2	0.7	0.9	1.0	1.4	-2.3	0.3	0.0	-2.0	-1.3	-0.9	1.0	2.1	2.7	2.7	5.7	4.1
1939	6.7	3.6	6.3	2.4	2.7	0.6	-4.0	-3.5	-2.3	-2.1	-0.3	0.1												
1940																			-1.3	-0.2	-2.7	-2.6	3.7	2.1
1941	3.7	0.6	1.7	-2.3					-0.3	-0.1	0.3	0.8	-2.3	0.3	-1.0	1.0	0.3	0.8	-3.3	-2.2				
1942																	-3.0	-2.6	0.7	1.8	-4.0	-4.0	-0.7	-2.3
1943	0.0	-3.1	1.3	-2.6	-1.3	-3.4	2.0	2.5	-1.3	-1.1	-2.0	-1.6	-3.3	-0.7	-4.3	-2.3	-0.7	-0.2	-1.0	0.1	-2.3	-2.3	3.3	1.7
1944	5.7	2.6	4.7	0.7	2.3	0.3	1.3	1.8	-2.0	-1.8	-4.7	-4.2	-4.0	-1.4	-3.0	-1.0	-1.3	-0.9	-4.7	-3.6	4.3	4.4	1.7	0.1
1945	5.0	1.9	5.7	1.7	4.0	1.9	-5.0	-4.5	2.0	2.2	-1.3	-0.9	0.7	3.3	-3.0	-1.0	-0.7	-0.2	-0.7	0.4	-4.3	-4.3	3.3	1.7
1946	5.3	2.2	4.0	0.1	4.7	2.6	-3.3	-2.8	0.0	0.2	-3.0	-2.6	-3.3	-0.7	-4.3	-2.3	-2.0	-1.6	-3.3	-2.2	-3.7	-3.6	1.3	-0.3
1947	3.0	-0.1	7.3	3.4	2.7	0.6	-1.7	-1.2	-1.0	-0.8	0.3	0.8	-4.0	-1.4	0.3	2.4	0.0	0.4	-2.3	-1.2	7.0	7.0	3.3	1.7
1948	1.7	-1.4	3.7	-0.3	-1.3	-3.4	-2.3	-1.8	-1.3	-1.1	0.3	0.8	-2.3	0.3	-0.3	1.7	-4.7	-4.2	-2.3	-1.2	0.0	0.0	0.0	-1.6
1949	-2.7	-5.8	0.3	-3.6	3.7	1.6	2.7	3.2	-0.7	-0.5	0.7	1.1	-3.3	-0.7	-2.7	-0.6	-1.3	-0.9	-1.3	-0.2	-0.7	-0.6	0.7	-0.9
1950	-0.7	-3.8	1.3	-2.6	3.3	1.3	-2.3	-1.8	-1.7	-1.5	-3.0	-2.6	-4.7	-2.1	-2.0	0.0	-1.7	-1.2	-3.7	-2.6	-3.7	-3.6	-3.7	-5.3
1951	2.3	-0.8	1.0	-2.9	-3.0	-5.1	4.3	4.8	-0.7	-0.5	-1.3	-0.9	-2.0	0.6	-1.7	0.4	1.0	1.4	-1.0	0.1	-0.3	-0.3	-2.3	-3.9
1952	-1.7	-4.8	5.0	1.1	4.0	1.9	-2.3	-1.8	-3.3	-3.1	0.0	0.4	-1.3	1.3	0.3	2.4	-0.7	-0.2	-3.3	-2.2	0.0	0.0	-0.7	-2.3
1953	5.7	2.6	6.3	2.4	1.7	-0.4	3.3	3.8	2.0	2.2	0.7	1.1	-1.7	0.9	-4.0	-2.0	-1.7	-1.2	-0.3	0.8	0.3	0.4	2.3	0.7
1954	0.7	-2.4	5.7	1.7	-0.7	-2.7	-2.3	-1.8	-3.3	-3.1	2.3	2.8	-1.3	1.3	-3.0	-1.0	-2.0	-1.6	3.0	4.1	-0.7	-0.6	0.0	-1.6
1955	5.7	2.6	-1.0	-4.9	-2.3	-4.4	-2.7	-2.2	1.7	1.9	-1.0	-0.6	-3.0	-0.4	-3.7	-1.6	-2.3	-1.9	-1.7	-0.6	-0.3	-0.3	4.0	2.4
1956	-2.7	-5.8	4.3	0.4	5.3	3.3	-3.7	-3.2	-3.3	-3.1	1.3	1.8	-0.3	2.3	-1.7	0.4	1.7	2.1	-5.7	-4.6	-1.0	-1.0	6.3	4.7
1957	0.0	-3.1	3.3	-0.6	5.7	3.6	-1.0	-0.5	1.3	1.5	1.0	1.4	-2.3	0.3	-1.3	0.7	4.0	4.4	-3.0	-1.9	-2.0	-2.0	-2.0	-3.6

TABLE 5 REGIONAL AVERAGES - CONTINUED

Locations 24-25 (Cross-Oyashio Index)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
Year	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	3.0	1.3	3.0	1.4	2.5	1.1	-0.5	-2.7	-1.0	-3.2	1.5	0.5	-0.5	-1.7	-0.5	-1.9	2.0	0.3	2.5	-1.2	2.0	-1.9	1.5	-1.6
1927	1.0	-0.7	2.0	0.4	-0.5	-1.9	-2.0	-4.2	-0.5	-2.7	3.5	2.5	1.5	0.4	1.0	-0.4	0.0	-1.7	1.0	-2.7	0.0	-3.9	4.5	1.5
1928	6.0	4.3	4.5	2.8	-2.5	-3.9	1.5	-0.7	3.0	0.9	1.0	0.0	3.5	2.4	2.0	0.7	2.5	0.8	4.5	0.8	4.5	0.7	4.0	1.0
1929	3.5	1.8	1.5	-0.2	1.5	0.1	0.0	-2.2	4.0	1.9	1.5	0.5	1.5	0.4	0.5	-0.9	3.5	1.8	4.5	0.8	7.5	3.7	3.5	0.5
1930	2.0	0.3	-3.0	-4.6	1.5	0.1	2.5	0.4	2.5	0.4	1.5	0.5	1.0	-0.2	-0.5	-1.9	-1.5	-3.2	3.0	-0.7	3.0	-0.9	5.0	2.0
1931	4.5	2.8	3.0	1.4	0.0	-1.4	2.0	-0.2	-0.5	-2.7	1.0	0.0	-3.0	-4.2	2.0	0.7	1.0	-0.7	4.0	0.3	4.5	0.7	3.5	0.5
1932	3.0	1.3	-1.0	-2.6	2.0	0.6	3.5	1.4	2.5	0.4	-0.5	-1.5	0.0	-1.2	2.0	0.7	3.0	1.3	4.0	0.3	0.5	-3.4	5.0	2.0
1933	2.0	0.3	0.5	-1.2	0.5	-0.9	2.5	0.4	1.0	-1.2	0.0	-1.0	1.5	0.4	2.5	1.2	0.0	-1.7	2.0	-1.7	3.0	-0.9	-6.0	-9.1
1934	-3.5	-5.2	2.0	0.4	0.5	-0.9	4.5	2.4	1.0	-1.2	1.5	0.5	-1.0	-2.2	1.0	-0.4	2.5	0.8	5.0	1.3	2.5	-1.4	4.0	1.0
1935	0.5	-1.2	0.5	-1.2	1.5	0.1	0.0	-2.2	0.5	-1.7	1.0	0.0	4.0	2.9	0.5	-0.9	2.5	0.8	-0.5	-4.2	1.0	-2.9	3.0	-0.1
1936	-1.5	-3.2	-0.5	-2.2	3.0	1.6	2.0	-0.2	4.0	1.9	1.0	0.0	-1.5	-2.7	-0.5	-1.9	2.0	0.3	1.5	-2.2	4.0	0.2	4.5	1.5
1937	0.5	-1.2	1.5	0.2	3.0	1.6	3.0	0.9	1.5	-0.7	1.0	0.0	4.0	2.9	1.5	0.2	1.5	-0.2	5.5	1.8	2.0	-1.9	-1.0	-4.1
1938	0.0	-1.7	-3.5	-5.2	4.0	2.6	4.5	2.4	3.0	0.9	1.0	0.0	1.0	-0.2	3.5	2.2	2.0	0.3	4.0	0.3	3.0	-0.9	5.0	2.0
1939	1.0	-0.7	5.0	3.4	-2.0	-3.4	4.0	1.9	-1.0	-3.2	1.0	0.0												
1940																			3.5	-0.2	3.0	-0.9	2.0	-1.1
1941	2.0	0.3	5.5	3.8					2.0	-0.2	0.0	-1.0	1.0	-0.2	-0.5	-1.9	1.0	-0.7	2.0	-1.7				
1942															3.0	1.7	3.5	1.8	0.5	-3.2	-0.5	-4.4	2.5	-0.6
1943	2.5	0.8	3.5	1.8	-1.5	-2.9	2.5	0.4	1.0	-1.2	0.0	-1.0	1.5	0.4	3.5	2.2	3.5	1.8	6.0	2.3	8.0	4.2	5.0	2.0
1944	4.5	2.8	2.5	0.8	-2.0	-3.4	3.5	1.4	3.0	0.9	1.0	0.0	2.5	1.4	1.0	-0.4	0.0	-1.7	2.0	-1.7	6.5	2.7	7.5	4.5
1945	5.0	3.3	2.0	0.4	4.0	2.6	-1.0	-3.2	0.0	-2.2	-1.0	-2.0	-2.0	-3.2	2.5	1.2	1.5	-0.2	4.0	0.3	-0.5	-4.4	2.5	-0.6
1946	6.0	4.3	4.0	2.4	1.0	-0.4	5.0	2.9	0.0	-2.2	3.0	2.0	0.5	-0.7	1.5	0.2	0.5	-1.2	6.0	2.3	1.5	-2.4	-1.5	-4.6
1947	-2.5	-4.2	1.5	-0.2	0.0	-1.4	3.0	0.9	5.0	2.9	1.0	0.0	3.5	2.4	-0.5	-1.9	0.5	-1.2	5.0	1.3	5.5	1.7	2.5	-0.6
1948	3.5	1.8	-3.5	-5.2	0.5	-0.9	-3.5	-5.7	0.5	-1.7	1.0	0.0	3.0	1.9	2.5	1.2	1.5	-0.2	6.0	2.3	7.0	3.2	5.0	2.0
1949	4.5	2.8	1.5	-0.2	5.0	3.6	-0.5	-2.7	0.5	-1.7	-0.5	-1.5	2.0	0.9	3.0	1.7	3.0	1.3	4.5	0.8	9.5	5.7	5.0	2.0
1950	-6.0	-7.8	-0.5	-2.2	5.0	3.6	2.0	-0.2	3.0	0.9	2.0	1.0	3.0	1.9	3.0	1.7	3.0	1.3	5.0	1.3	-1.0	-4.9	3.5	0.5
1951	1.5	-0.2	3.5	1.8	0.0	-1.4	3.0	0.9	2.5	0.4	0.5	-0.5	2.0	0.9	0.0	-1.4	-1.0	-2.7	5.5	1.8	5.5	1.7	2.5	-0.6
1952	2.0	0.3	3.5	1.8	1.5	0.1	4.5	2.4	0.5	-1.7	3.0	2.0	2.5	1.4	-1.0	-2.4	-0.5	-2.2	4.5	0.8	10.0	6.2	5.0	2.0
1953	2.0	0.3	3.0	1.4	1.0	-0.4	4.0	1.9	5.5	3.4	0.0	-1.0	0.0	-1.2	1.5	0.2	1.0	-0.7	4.0	0.3	5.5	1.7	8.5	5.5
1954	-1.5	-3.2	1.5	-0.2	2.0	0.6	-2.5	-4.7	7.5	5.4	1.5	0.5	0.5	-0.7	3.0	1.7	5.0	3.3	3.5	-0.2	5.0	1.2	1.0	-2.1
1955	7.0	5.3	0.0	-1.6	4.0	2.6	3.0	0.9	4.0	1.9	0.5	-0.5	2.0	0.9	1.0	-0.4	2.0	0.3	4.0	0.3	2.5	-1.4	0.0	-3.1
1956	-3.5	-5.2	2.5	0.8	3.5	2.1	4.5	2.4	5.5	3.4	2.0	1.0	-0.5	-1.7	-1.0	-2.4	5.0	3.3	4.0	0.3	4.0	0.2	0.0	-3.1
1957	1.5	-0.2	1.0	-0.6	0.5	-0.9	6.0	3.9	3.0	0.9	0.0	-1.0	-1.0	-2.2	2.0	0.7	-0.5	-2.2	3.0	-0.7	6.5	2.7	3.5	0.5

TABLE 5 REGIONAL AVERAGES - CONTINUED

Locations 26-27 (Alaska Index)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
Year	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	4.5	2.4	4.5	2.8	5.0	5.0	4.0	4.0	4.5	3.6	0.0	0.3	1.0	2.9	-1.0	1.5	1.0	2.0	3.0	2.7	5.0	3.7	0.0	-1.4
1927	1.5	-0.7	7.0	5.4	-2.0	-2.1	-2.5	-2.5	1.0	0.1	0.5	0.8	-1.0	0.9	-1.0	1.5	0.0	1.0	-1.0	-1.3	-0.5	-1.9	0.5	-0.9
1928	4.0	1.9	4.0	2.4	2.5	2.5	3.0	3.0	3.5	2.6	-1.0	-0.7	-2.0	-0.1	-2.5	-0.1	-2.5	-1.5	-1.5	-1.8	2.0	0.7	2.5	1.2
1929	0.0	-2.2	-0.5	-2.2	-3.5	-3.6	0.0	0.0	1.0	0.1	1.5	1.8	-4.0	-2.1	-2.0	0.5	0.0	1.0	1.0	0.7	0.5	-0.9	1.0	-0.4
1930	5.5	3.4	0.5	-1.2	-2.5	-2.6	1.5	1.5	0.0	-1.0	-0.5	-0.2	-2.0	-0.1	-2.0	0.5	-2.5	-1.5	1.0	0.7	0.0	-1.4	1.5	0.2
1931	7.5	5.4	1.5	-0.2	4.5	4.5	2.0	2.0	0.5	-0.5	1.5	1.8	1.0	0.9	-1.5	1.0	-3.0	-2.0	-0.5	-0.8	-1.5	-2.9	-1.5	-2.9
1932	-3.0	-5.2	-4.5	-6.2	4.5	4.5	4.0	4.0	1.0	0.1	1.0	1.3	-4.0	-2.1	-3.0	-0.6	-2.0	-1.0	0.0	-0.3	-0.5	-1.9	2.0	0.7
1933	-5.5	-7.7	1.0	-0.6	2.0	2.0	-1.0	-1.0	0.0	-1.0	-2.5	-2.2	0.0	-1.9	-0.5	2.0	-2.0	-1.0	2.0	1.7	0.0	-1.4	5.5	4.2
1934	1.0	-1.2	8.5	6.8	3.5	3.5	0.5	0.5	0.5	-0.5	0.5	0.8	-4.0	-2.1	-2.0	0.5	-1.0	0.0	2.5	2.2	2.5	1.2	2.5	1.2
1935	4.5	2.4	3.0	1.4	-3.0	-3.1	0.0	0.0	1.0	0.1	1.0	1.3	-2.5	-0.6	-4.0	-1.6	-0.5	0.5	-1.5	-1.8	1.5	0.2	7.5	6.2
1936	6.0	3.9	2.5	0.8	-2.5	-2.6	0.0	0.0	1.0	0.1	0.5	0.8	-2.5	-0.6	0.0	2.5	-2.0	-1.0	1.0	0.7	1.5	0.2	-4.0	-5.4
1937	-4.0	-6.2	-4.0	-5.6	4.0	4.0	-2.0	-2.0	2.5	1.6	2.5	2.8	-0.5	1.4	-4.0	-1.6	0.5	1.5	3.5	3.2	1.0	-0.4	2.5	1.2
1938	2.0	-0.2	5.5	3.8	-0.5	-0.6	2.0	2.0	0.0	-1.0	1.0	1.3	-1.5	0.4	-4.0	-1.6	0.5	1.5	2.0	1.7	-1.5	-2.9	3.0	1.7
1939	-1.0	-3.2	0.0	-1.6	-1.0	-1.1	-0.5	-0.5	0.0	-1.0	-1.0	-0.7												
1940																			2.0	1.7	3.0	1.7	6.0	4.7
1941	10.0	7.9	5.5	3.8	3.0	3.0	-0.5	-0.5	-2.5	-3.5	-0.5	-0.2	-1.5	0.4	-1.0	1.5	-0.5	0.5	-1.0	-1.3	3.0	1.7	2.0	0.7
1942	5.5	3.4	3.5	1.8	0.0	-0.1	-3.0	-3.0	0.5	-0.5	-1.0	-0.7	-1.5	0.4	-1.0	1.5	1.5	2.5	0.0	-0.3	4.0	2.7	5.5	4.2
1943	9.0	6.9	5.5	3.8	-0.5	-0.6	2.0	2.0	-0.5	-1.5	0.0	0.3	-2.5	-0.6	-5.0	-2.6	-1.5	-0.5	0.5	0.2	5.5	4.2	-0.5	-1.9
1944	2.0	-0.2	-1.0	-2.6	-1.5	-1.6	0.5	0.5	0.0	-1.0	-2.0	-1.7	-1.5	0.4	-4.5	-2.1	-1.0	0.0	1.0	0.7	0.5	-0.9	3.5	2.2
1945	8.0	5.9	1.0	-0.6	-3.0	-3.1	-0.5	-0.5	1.0	0.1	-1.5	-1.2	-0.5	1.4	-3.5	-1.1	-1.5	-0.5	-3.0	-3.3	-3.0	-4.4	3.5	2.2
1946	-1.5	-3.7	0.5	-1.2	-3.0	-3.1	-3.0	-3.0	2.0	1.1	-1.0	-0.7	-2.0	-0.1	-2.5	-0.1	0.0	1.0	-4.0	-4.3	1.5	0.2	-0.5	-1.9
1947	-2.0	-4.2	8.5	6.8	1.5	1.5	1.0	1.0	2.0	1.1	0.0	0.3	-2.0	-0.1	-4.5	-2.1	-1.5	-0.5	0.5	0.2	1.0	-0.4	0.0	-1.4
1948	0.0	-2.2	1.5	-0.2	-2.0	-2.1	-3.5	-3.5	2.5	1.6	-1.0	-0.7	-3.5	-1.6	-4.5	-2.1	-3.5	-2.5	-2.0	-2.3	-3.0	-4.4	-4.5	-5.9
1949	-2.0	-4.2	0.5	-1.2	2.0	2.0	0.5	0.5	-0.5	-1.5	-4.0	-3.7	-3.0	-1.1	-2.0	0.5	0.0	1.0	-0.5	-0.8	2.5	1.2	-1.5	-2.9
1950	0.5	-1.6	0.5	-1.2	3.0	3.0	0.0	0.0	0.0	-1.0	2.0	2.3	0.0	1.9	0.5	3.0	0.0	1.0	1.5	1.2	1.0	-0.4	5.5	4.2
1951	1.5	-0.7	0.0	-1.6	-1.5	-1.6	0.5	0.5	2.0	1.1	0.5	0.8	-3.0	-1.1	-1.0	1.5	0.0	1.0	1.5	1.2	4.5	3.2	-2.5	-3.9
1952	0.0	-2.2	0.5	-1.2	-4.0	-4.1	0.5	0.5	0.0	-1.0	-2.5	-2.2	-3.5	-1.6	-3.5	-1.1	-1.5	-0.5	2.0	1.7	0.5	-0.9	5.0	3.7
1953	5.0	2.9	1.5	-0.2	-1.5	-1.6	0.5	0.5	0.5	-0.5	-2.5	-2.2	-0.5	1.4	-3.5	-1.1	-1.5	-0.5	1.0	0.7	2.0	0.7	0.5	-0.9
1954	2.5	0.4	2.0	0.3	-3.5	-3.6	-2.0	-2.0	2.5	1.6	1.0	1.3	-2.5	-0.6	-3.5	-1.1	-3.5	-2.5	2.0	1.7	4.5	3.2	-3.0	-4.4
1955	0.5	-1.7	-4.5	-6.2	-1.5	-1.6	-4.0	-4.0	0.0	-1.0	-3.0	-2.7	-3.5	-1.6	-3.0	-0.6	-1.0	0.0	-0.5	-0.8	4.0	2.7	1.5	0.2
1956	6.0	3.9	-2.0	-3.6	0.0	-0.1	0.0	0.0	1.0	0.1	-0.5	-0.2	0.0	1.9	-0.5	2.0	-2.5	-1.5	-5.5	-5.8	-1.0	-2.4	1.5	0.2
1957	-0.5	-2.7	-1.5	-3.2	2.5	2.5	0.5	0.5	2.5	1.6	1.0	1.3	-2.0	-0.1	-2.0	0.5	2.0	3.0	2.5	2.2	0.0	-1.4	-3.0	-4.4

TABLE 5 REGIONAL AVERAGES - CONTINUED

Locations 34-36 (Alt. California Index)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
Year	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	0.7	-0.9	2.0	-0.8	3.7	-1.1	3.3	-2.7	6.7	-0.7	6.3	-1.2	6.7	-0.4	5.0	-1.4	5.0	-0.2	4.0	0.3	0.3	-1.7	2.7	1.9
1927	1.7	0.1	3.0	0.2	6.3	1.6	7.3	1.3	8.0	0.6	6.3	-1.2	5.3	-1.7	4.7	-1.7	5.7	0.4	2.0	-1.7	2.3	0.3	0.7	-0.1
1928	-0.7	-2.3	2.3	-0.4	3.7	-1.1	6.3	0.3	7.7	0.3	7.3	-0.2	6.3	-0.7	4.7	-1.7	4.0	-1.2	4.0	0.3	1.3	-0.7	-0.3	-1.1
1929	3.0	1.4	4.3	1.6	7.0	2.2	7.0	1.0	6.3	-1.1	5.7	-1.9	6.7	-0.4	4.7	-1.7	6.3	1.1	3.3	-0.4	1.0	-1.0	0.3	-0.5
1930	1.7	0.1	2.0	-0.8	4.0	-0.8	5.0	-1.0	7.3	-0.1	8.0	0.4	5.7	-1.4	6.3	0.0	6.0	0.8	3.3	-0.4	2.7	0.7	-0.3	-1.1
1931	1.0	-0.6	2.0	-0.8	1.7	-3.1	2.7	-3.4	4.3	-3.1	6.0	-1.6	5.7	-1.4	5.0	-1.4	5.7	0.4	4.3	0.6	3.0	1.0	0.0	-0.8
1932	3.7	2.1	3.0	0.2	5.0	0.2	4.7	-1.4	8.3	0.9	7.0	-0.6	6.7	-0.4	6.3	0.0	5.3	0.1	4.0	0.3	1.3	-0.7	2.7	1.9
1933	3.0	1.4	3.0	0.2	4.3	-0.4	7.0	1.0	8.0	0.6	6.3	-1.2	5.7	-1.4	4.7	-1.7	4.7	-0.6	2.7	-1.0	1.3	-0.7	1.0	0.2
1934	3.0	1.4	0.0	-2.8	2.7	-2.1	6.0	0.0	6.3	-1.1	9.0	1.4	7.0	0.0	5.3	-1.0	4.0	-1.2	2.3	-1.4	2.0	0.0	0.7	-0.1
1935	0.7	-0.9	2.0	-0.8	5.7	0.9	5.7	-0.4	7.7	0.3	6.7	-0.9	7.0	0.0	4.3	-2.0	3.7	-1.6	3.0	-0.7	2.0	0.0	1.0	0.2
1936	0.7	-0.9	2.0	-0.8	5.3	0.6	5.7	-0.4	5.7	-1.7	5.0	-2.6	5.0	-2.0	6.0	-0.4	4.3	-0.9	3.3	-0.4	0.3	-1.7	1.0	0.2
1937	3.0	1.4	3.0	0.2	4.0	-0.8	7.0	1.0	7.0	-0.4	5.3	-2.2	6.0	-1.0	5.7	-0.7	3.7	-1.6	2.7	-1.0	2.3	0.3	0.0	-0.8
1938	1.7	0.1	1.0	-1.8	4.7	-0.1	6.7	0.6	7.0	-0.4	7.3	-0.2	4.7	-2.4	5.7	-0.7	3.3	-1.9	3.7	0.0	1.0	-1.0	1.3	0.5
1939	2.0	0.4	6.0	3.2	4.3	-0.4	6.0	0.0	6.3	-1.1	7.3	-0.2												
1940																			2.7	-1.0	1.3	-0.7	-1.3	-2.1
1941	-0.3	-1.9	-0.7	-3.4	1.7	-3.1	5.3	-0.7	6.0	-1.4	7.0	-0.6	6.7	-0.4	5.0	-1.4	4.7	-0.6	3.3	-0.4	0.0	-2.0	0.0	-0.8
1942	-3.7	-5.3	-0.7	-3.4	2.3	-2.4	5.5	-0.6	6.0	-1.4	6.7	-0.9	8.0	1.0	7.7	1.3	7.3	2.1	5.0	1.3	5.0	3.0	3.0	2.2
1943	0.7	-0.9	2.0	-0.8	4.7	-0.1	5.7	-0.4	8.7	1.3	8.3	0.8	8.0	1.0	7.0	0.6	5.0	-0.2	3.7	0.0	-1.3	-3.3	-0.7	-1.5
1944	-1.3	-2.9	3.7	0.9	5.0	0.2	6.0	0.0	7.7	0.3	10.0	2.4	8.7	1.6	8.0	1.8	7.0	1.8	3.0	-0.7	3.3	1.3	-2.0	-2.8
1945	1.0	-0.6	4.0	1.2	6.3	1.6	8.7	2.6	8.0	0.6	8.3	0.8	6.3	-0.7	6.0	-0.4	5.7	0.4	2.7	-1.0	3.3	1.3	-0.7	-1.5
1946	2.7	1.1	3.7	0.9	6.3	1.6	3.7	-2.4	8.7	1.3	9.0	1.4	9.0	2.0	7.0	0.6	5.7	0.4	4.7	1.0	1.7	-0.3	0.0	-0.8
1947	1.3	-0.3	3.3	0.6	4.3	-0.4	6.0	0.0	6.7	-0.7	7.3	-0.2	8.7	1.6	7.3	1.0	5.7	0.4	3.3	-0.4	3.7	1.7	1.3	0.5
1948	1.0	-0.6	5.0	2.2	5.0	0.2	4.0	-2.0	9.0	1.6	7.7	0.1	6.7	-0.4	8.0	1.6	4.0	-1.2	3.0	-0.7	3.0	1.0	2.7	1.9
1949	3.0	1.4	4.0	1.2	4.0	-0.8	5.7	-0.4	8.0	0.6	8.3	0.8	7.3	0.3	7.0	0.6	6.3	1.1	5.7	2.0	1.7	-0.3	2.7	1.9
1950	3.0	1.4	4.3	1.6	5.7	0.9	5.7	-0.4	8.3	0.9	8.3	0.8	7.3	0.3	8.0	1.6	7.0	1.8	4.0	0.3	2.3	0.3	0.7	-0.1
1951	3.7	2.1	4.3	1.6	5.7	0.9	6.3	0.3	8.7	1.3	8.7	1.1	7.7	0.6	6.3	0.0	4.7	-0.6	4.3	0.6	2.0	0.0	2.3	1.5
1952	1.0	-0.6	1.7	-1.1	6.7	1.9	6.0	0.0	7.0	-0.4	8.3	0.8	7.3	0.3	7.3	1.0	5.7	0.4	3.3	-0.4	2.0	0.0	1.0	0.2
1953	2.3	0.7	6.3	3.6	6.7	1.9	8.3	2.3	8.0	0.6	10.0	2.4	7.7	0.6	7.7	1.3	4.3	-0.9	4.0	0.3	3.0	1.0	2.0	1.2
1954	3.0	1.4	2.3	-0.4	4.3	-0.4	6.3	0.3	8.3	0.9	8.3	0.8	7.3	0.3	7.7	1.3	6.3	1.1	4.7	1.0	1.7	-0.3	0.3	-0.5
1955	2.7	1.1	2.0	-0.8	6.0	1.2	7.3	1.3	9.0	1.6	9.3	1.8	10.0	3.0	7.3	1.0	6.3	1.1	4.7	1.0	4.3	2.3	0.7	-0.1
1956	2.3	0.6	3.0	0.2	5.3	0.6	8.0	2.0	7.3	-0.1	7.3	-0.2	8.3	1.3	8.3	2.0	4.3	-0.9	4.3	0.6	1.0	-1.0	1.3	0.5
1957	1.7	0.1	1.0	-1.8	5.7	0.9	8.0	2.0	7.3	-0.1	8.7	1.1	7.7	0.6	8.0	1.6	5.3	0.1	5.0	1.3	2.7	0.7	0.7	-0.1

TABLE 5 REGIONAL AVERAGES - CONTINUED

Locations 1-6, 9-16, 29 (North Pacific Gyre Index)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
Year	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV	PD	DEV
1926	5.5	1.3	5.2	1.0	5.8	0.9	5.4	0.0	5.8	0.5	4.7	-0.4	6.9	1.7	5.3	0.8	5.9	2.0	4.8	0.9	4.3	0.2	7.1	2.5
1927	5.3	1.1	4.7	0.5	6.3	1.3	4.5	-0.9	5.9	0.6	6.2	1.1	5.0	-0.3	5.7	1.2	4.1	0.3	4.7	0.8	4.7	0.4	5.7	1.2
1928	6.0	1.8	5.5	1.3	3.3	-1.7	5.9	0.5	6.2	0.9	4.6	-0.4	4.9	-0.4	4.4	-0.1	4.2	0.3	4.4	0.6	5.7	1.5	6.8	2.2
1929	4.3	0.1	5.0	0.8	6.5	1.6	5.7	0.2	5.9	0.6	4.5	-0.6	5.5	0.3	4.9	0.3	4.9	1.1	4.3	0.4	4.5	0.2	3.5	-1.0
1930	2.1	-2.1	1.9	-2.3	3.3	-1.7	5.4	0.0	6.5	1.2	6.2	1.2	5.3	-0.1	3.7	-0.8	3.0	-0.9	3.8	-0.1	4.8	0.6	6.0	1.4
1931	6.3	2.1	5.8	1.6	3.7	-1.3	4.6	-0.8	3.8	-1.5	4.0	-1.0	4.3	-0.9	5.1	0.6	3.6	-0.3	5.3	1.4	5.0	0.8	5.7	1.2
1932	5.3	1.1	2.8	-1.4	4.6	-0.3	6.1	0.7	7.0	1.7	4.5	-0.5	5.7	0.4	5.1	0.5	3.9	0.0	4.3	0.4	3.7	-0.6	6.2	1.6
1933	5.9	1.7	4.3	0.1	4.5	-0.5	5.7	0.2	4.8	-0.5	5.6	0.6	5.7	0.5	4.4	-0.1	4.7	0.8	3.8	-0.1	3.4	-0.8	1.9	-2.6
1934	4.9	0.7	2.7	-1.5	3.7	-1.2	5.2	-0.2	4.3	-1.0	6.1	1.0	5.6	0.3	4.1	-0.4	4.1	0.3	3.2	-0.7	4.9	0.6	4.3	-0.2
1935	3.3	-0.9	4.7	0.5	4.1	-0.8	4.1	-1.3	5.3	0.0	5.1	0.0	6.1	0.8	3.8	-0.7	2.8	-1.1	2.3	-1.6	3.4	-0.8	4.6	0.0
1936	4.5	0.3	1.3	-2.9	5.2	0.3	5.3	-0.1	6.7	1.4	3.2	-1.8	5.1	-0.1	4.5	0.0	3.9	0.0	4.5	0.6	4.1	-0.1	6.2	1.6
1937	4.8	0.6	4.1	-0.1	4.7	-0.2	5.7	0.3	6.0	0.7	4.1	-0.9	5.6	0.3	5.8	1.3	4.5	0.7	4.1	0.2	3.7	-0.5	4.1	-0.5
1938	4.4	0.2	2.9	-1.3	6.1	1.1	6.9	1.5	5.7	0.4	6.1	1.1	4.4	-0.9	4.7	0.1	4.2	0.3	4.8	0.9	4.5	0.3	7.1	2.6
1939	5.1	0.9	6.3	2.1	4.1	-0.8	5.1	-0.3	4.1	-1.2	5.0	0.0												
1940																					1.9	-2.3		
1941									4.6	-0.7	5.3	0.3	4.8	-0.5	2.9	-1.7	3.5	-0.4	3.2	-0.7				
1942																			2.3	-1.6	2.3	-1.9	2.9	-1.7
1943	2.7	-1.5	4.6	0.4	2.3	-2.6	3.9	-1.5	3.5	-1.8	4.2	-0.8	4.7	-0.5	4.3	-0.2	4.5	0.7	5.3	1.4	5.6	1.4		
1944			6.3	2.1	1.9	-3.1	6.1	0.6	4.8	0.5	5.4	0.4	6.1	0.8	4.5	0.0	3.5	-0.4	2.2	-1.7	5.5	1.3	3.2	-1.4
1945	3.1	-1.1	3.5	-0.7	8.1	3.2	4.7	-0.8	2.3	-3.0	3.5	-1.5	4.0	-1.3	4.3	-0.2	4.1	0.2	4.0	0.1	3.6	-0.6	3.1	-1.4
1946	5.6	1.4	5.0	0.8	6.0	1.1	7.5	2.0	3.3	-2.0	5.3	0.3	4.9	-0.3	3.3	-1.2	2.9	-0.9	3.5	-0.4	2.2	-2.0	3.6	-1.0
1947	2.1	-2.1	3.3	-0.9	4.7	-0.3	7.0	1.6	5.8	0.5	5.1	0.1	6.3	1.1	4.5	-0.1	3.5	-0.4	3.4	-0.5	5.1	0.9	5.5	1.0
1948	4.6	0.4	4.2	0.0	4.9	-0.1	2.4	-3.0	4.4	-0.9	4.2	-0.8	5.7	0.4	4.5	-0.1	3.5	-0.3	4.1	0.2	5.4	1.2	6.5	2.0
1949	4.3	0.1	4.5	0.3	5.4	0.5	5.2	-0.2	5.4	0.1	4.1	-1.0	5.6	0.3	4.9	0.4	4.3	0.4	4.8	0.9	4.9	0.6	4.2	-0.4
1950	1.9	-2.3	3.5	-0.7	6.5	1.5	3.8	-1.6	6.1	0.8	4.7	-0.3	5.0	-0.3	4.1	-0.4	4.3	-0.5	4.3	0.4	1.2	-3.0	3.1	-1.5
1951	4.6	0.4	3.9	-0.3	4.0	-0.9	6.3	0.9	5.5	0.2	4.5	-0.5	5.2	-0.1	4.5	0.0	2.8	-1.1	3.9	0.0	5.1	0.8	4.2	-0.4
1952	4.6	0.4	4.7	0.5	6.1	1.2	6.3	0.9	5.1	-0.2	6.5	1.5	4.4	-0.9	3.9	-0.7	3.7	-0.2	3.0	-0.9	5.7	1.4	5.8	1.2
1953	3.1	-1.1	6.3	2.1	6.3	1.3	5.5	0.0	5.7	0.4	5.7	0.6	4.4	-0.9	4.9	0.3	2.9	-0.9	4.5	0.6	6.0	1.8	5.7	1.1
1954	2.3	-1.9	4.3	0.1	4.5	-0.5	3.4	-2.0	5.9	0.6	6.3	1.3	5.3	0.0	5.2	0.7	3.9	0.0	3.8	-0.1	3.9	-0.3	3.5	-1.0
1955	7.3	3.1	4.8	0.6	4.5	-0.4	6.3	0.9	7.3	2.0	5.5	0.5	6.4	1.1	4.5	0.0	4.5	0.7	4.7	0.8	4.0	-0.2	1.1	-3.4
1956	2.0	-2.2	4.9	0.7	6.9	1.9	6.6	1.2	7.1	1.8	6.0	0.9	5.5	0.2	5.6	1.1	3.7	-0.1	3.1	-0.8	4.0	-0.2	3.5	-1.1
1957	3.1	-1.1	2.2	-2.0	5.9	1.0	6.7	1.2	4.6	-0.7	4.9	-0.2	4.7	-0.6	4.0	-0.5	3.9	0.0	3.2	-0.7	5.3	1.1	5.2	0.6

Table 6

"Maximum" wind components in the region of westerlies.
/Procedure is described in text. Entries in columns headed "DSP" indicate displacements of "maximum" gradients north (N), south (S) or at same latitude (X) as fixed positions of locations 3-6/

YEAR	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
LOCATION 3	PD	DSP	PD	DSP	PD	DSP	PD	DSP	PD	DSP	PD	DSP	PD	DSP	PD	DSP	PD	DSP	PD	DSP	PD	DSP	PD	DSP
1946	11	X	10	X	11	S	13	N	2	S	5	X	3	N	5	N	2	N	7	N	4	N	9	S
1947	6	S	9	S	7	X	8	X	6	N	3	S	6	N	3	X	1	X	5	N	8	X	9	X
1948	9	X	11	S	4	X	2	X	1	N	2	X	4	X	3	X	5	N	6	S	7	X	7	X
1949	10	X	6	X	10	X	7	X	7	X	1	S	5	X	3	N	4	X	4	N	6	N	6	S
1950	10	X	5	S	8	X	2	X	5	X	2	X	7	N	4	N	3	N	5	N	3	N	5	X
1951	8	S	6	X	5	X	7	X	5	N	3	X	2	X	2	X	3	S	6	X	5	N	6	N
1952	10	N	8	S	6	S	7	N	8	X	4	X	4	X	4	X	3	X	4	N	8	N	6	X
1953	6	S	7	X	9	X	8	X	3	X	4	X	1	X	5	N	1	N	4	X	10	X	9	N
1954	3	S	7	X	7	X	6	X	10	N	3	S	2	S	4	X	5	N	0	S	6	N	3	X
1955	10	S	11	X	5	N	7	N	4	X	5	X	5	X	3	N	4	X	4	N	2	X	4	N
1956	2	X	7	X	9	X	7	N	8	N	2	X	2	S	4	X	2	N	6	N	5	N	4	S
1957	8	X	5	S	11	X	8	N	4	X	3	S	1	N	2	X	3	S	6	N	7	N	8	X
LOCATION 4																								
1946	13	X	11	X	12	S	13	N	2	S	6	N	5	N	4	N	2	X	10	N	2	X	7	S
1947	6	S	10	S	8	S	9	X	9	N	4	X	8	N	3	X	4	X	7	N	12	X	11	S
1948	10	X	7	S	5	N	0	N	2	N	4	X	6	N	6	N	5	N	7	X	11	N	10	N
1949	10	N	6	N	13	X	10	S	7	X	1	S	7	N	6	N	5	X	6	X	11	N	8	N
1950	3	S	4	S	12	S	4	X	7	N	3	X	8	N	6	X	4	X	9	N	1	N	8	N
1951	8	S	8	X	3	X	10	X	7	X	4	S	5	N	4	X	2	X	10	N	10	N	5	X
1952	7	N	12	S	7	X	7	N	8	N	6	N	5	N	2	N	2	X	7	N	15	N	6	X
1953	10	S	12	S	7	N	12	X	7	N	4	N	3	X	7	N	3	N	6	X	13	N	13	X
1954	3	S	9	S	7	X	1	X	12	N	5	X	4	N	6	N	8	N	5	X	7	X	5	X
1955	15	X	7	N	7	N	8	N	8	X	3	N	6	X	5	N	5	N	6	N	4	X	2	N
1956	0	X	6	X	10	X	10	N	12	N	4	N	4	N	4	N	6	N	8	N	5	X	9	S
1957	7	X	5	S	10	S	11	N	5	X	5	S	1	X	3	N	7	X	5	N	7	X	9	X

Table 6--Continued

"Maximum" wind components in the region of westerlies

YEAR	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
LOCATION 5	PD	DSP	PD	DSP	PD	DSP	PD	DSP	PD	DSP	PD	DSP	PD	DSP	PD	DSP	PD	DSP	PD	DSP	PD	DSP	PD	DSP
1946	10	X	9	X	10	X	12	X	4	X	6	N	6	N	5	N	5	X	10	N	2	X	3	X
1947	1	S	9	S	9	S	10	S	12	X	8	S	10	N	5	X	5	X	7	X	12	S	12	X
1948	8	X	5	S	5	X	-1	N	5	X	7	X	8	N	6	N	5	N	10	X	11	X	10	X
1949	7	N	3	X	12	S	11	S	5	N	4	X	7	N	7	N	6	X	8	X	10	X	5	N
1950	-2	N	4	S	12	S	5	X	7	X	3	X	7	N	5	X	6	N	8	N	-1	N	3	X
1951	10	S	8	N	1	X	10	X	8	X	6	S	6	N	5	X	5	S	7	N	7	X	5	N
1952	4	X	11	S	9	S	8	X	5	X	8	X	7	N	5	N	5	S	9	N	12	X	11	S
1953	10	S	15	S	10	N	7	S	7	X	3	X	3	X	8	N	5	N	7	X	13	S	11	X
1954	4	S	9	S	5	N	1	S	8	X	8	S	7	N	6	N	6	N	10	S	8	S	6	S
1955	15	X	5	N	2	X	9	N	11	X	4	N	9	N	7	N	6	N	8	X	5	X	-2	X
1956	0	S	7	N	9	X	8	X	12	X	6	X	4	X	5	X	7	N	8	N	6	S	7	S
1957	5	N	4	S	9	S	10	N	5	X	5	S	3	N	4	N	8	X	5	S	11	X	11	N
LOCATION 6																								
1946	8	X	10	N	12	X	10	X	3	X	4	X	7	N	5	N	5	X	10	N	2	X	3	X
1947	0	X	7	S	8	S	7	S	7	X	7	X	8	N	9	N	6	X	11	X	8	X	11	X
1948	8	X	5	S	7	X	0	X	7	S	5	X	8	N	6	X	9	N	11	X	11	X	10	X
1949	6	N	4	S	7	X	11	S	2	N	7	N	6	N	6	N	6	X	9	X	10	N	6	S
1950	0	N	5	S	11	S	7	X	9	X	5	S	7	X	4	S	7	N	10	X	0	X	5	S
1951	9	S	5	N	5	N	7	X	7	S	6	S	4	N	7	N	6	S	5	X	10	S	4	N
1952	5	X	10	S	11	X	8	X	4	S	7	X	5	N	6	N	7	N	6	X	11	X	13	X
1953	8	S	13	S	9	X	6	S	7	X	3	X	6	S	7	N	7	N	10	X	13	S	13	S
1954	4	S	7	X	4	N	2	S	7	S	8	S	5	X	7	N	6	N	10	X	10	S	7	X
1955	12	N	7	N	4	X	9	X	10	X	6	N	9	N	8	N	5	X	10	N	6	S	3	S
1956	7	S	5	X	9	X	6	X	10	X	8	S	3	X	6	X	5	N	7	N	8	S	8	S
1957	0	X	3	N	9	S	7	X	5	S	7	S	5	X	4	X	6	S	5	S	10	X	9	X

Table 7

Average monthly pressure differences at individual locations
for base reference period 1949-1958

Loc	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	-3.9	-3.6	-2.1	-0.5	0.8	2.7	2.4	0.9	-1.6	-4.9	-6.6	-6.0
2	-0.7	-1.1	-0.4	1.1	2.2	3.5	2.7	1.1	0.6	-2.6	-3.3	-2.3
3	7.2	6.1	7.4	6.6	5.8	2.2	2.6	2.5	1.9	2.4	4.0	5.1
4	6.0	6.7	8.0	7.3	7.4	3.7	4.2	2.9	3.1	4.3	6.4	5.7
5	3.2	5.6	6.6	6.9	7.3	5.1	5.1	4.7	4.2	5.9	7.3	5.2
6	3.7	4.9	6.5	6.1	6.2	5.2	5.1	5.0	4.9	7.7	7.4	7.1
7	4.7	6.3	4.5	5.5	4.2	3.8	3.0	3.5	3.9	7.1	7.3	7.6
8	-2.0	-1.7	0.7	-0.1	0.9	3.0	4.3	3.4	1.9	-1.6	-4.7	-3.2
9	2.0	1.3	4.0	3.4	4.2	5.9	6.1	5.7	4.4	2.9	1.0	0.5
10	2.6	2.2	4.3	4.9	5.4	6.3	5.2	4.9	4.3	3.7	2.7	1.8
11	5.6	5.2	5.4	5.4	5.6	6.8	6.4	6.6	5.6	5.4	6.2	6.0
12	6.2	6.8	7.0	7.6	8.0	8.4	7.8	7.2	5.6	6.2	7.4	7.4
13	5.2	5.4	8.0	8.4	8.6	8.8	8.8	7.8	6.0	6.2	6.2	5.6
14	4.0	5.8	8.2	8.4	8.4	6.8	8.0	7.6	5.8	6.0	7.0	5.6
15	4.8	6.4	7.6	9.0	8.6	5.8	6.6	6.2	5.4	5.6	6.8	6.2
16	6.0	6.2	6.6	8.2	7.0	5.8	5.2	4.4	5.2	4.7	6.8	6.4
17	4.0	3.3	2.2	0.0	-1.1	-1.0	-2.1	-2.1	-2.1	0.0	0.2	3.1
18	4.1	2.6	2.8	1.9	1.2	-0.9	-0.4	-0.3	-0.5	-1.0	0.9	3.4
19	1.8	1.5	0.3	-2.2	-3.0	-1.4	-2.5	-2.0	-1.6	0.1	0.9	0.6
20	5.9	4.2	3.8	2.5	1.6	-0.8	-0.9	-0.1	0.0	2.7	5.2	5.2
21	-0.1	1.0	-0.4	-2.2	-2.8	-0.6	-2.2	-2.0	-1.2	-2.3	-2.3	-1.3
22	0.1	3.0	0.6	-0.8	-1.3	-0.1	-2.7	-2.7	-0.6	-3.0	-2.6	0.1
23	2.9	5.3	4.2	1.8	2.2	0.9	-1.7	-1.9	1.0	-0.3	1.4	3.5
24	-0.3	0.0	2.0	2.1	3.1	1.2	1.6	1.5	2.3	4.9	5.1	2.3
25	2.7	3.6	3.3	3.7	4.1	1.0	0.7	0.9	1.6	3.6	5.7	4.2
26	1.7	1.0	-0.2	-0.2	1.0	-0.4	-1.7	-2.0	-0.9	-0.2	1.5	0.9
27	2.2	0.6	-0.7	-0.4	0.6	-1.4	-2.1	-1.9	-1.3	1.0	2.1	1.0
28	1.3	1.6	2.1	3.0	4.2	3.1	2.1	3.1	4.9	3.8	4.2	2.4
29	5.8	4.9	5.0	4.0	2.9	2.6	1.9	2.1	1.7	4.5	6.3	6.5
30	2.3	0.7	-0.6	-0.4	-1.7	-3.3	-4.9	-3.8	-2.7	-1.2	1.1	0.9
31	3.5	3.8	2.4	1.0	0.1	-0.3	-0.8	-0.5	-1.3	0.7	2.6	4.8
32	1.3	-0.4	-0.8	-1.4	-2.4	-3.0	-3.3	-2.4	-2.6	-2.1	-0.7	0.0
33	-2.5	-3.1	-2.2	-2.0	-2.2	-2.5	-2.2	-2.8	-2.9	-2.8	-3.4	-3.7
34	1.1	1.3	4.6	6.0	7.1	8.3	8.2	7.8	4.9	3.5	0.8	-0.4
35	2.9	3.6	6.0	7.7	8.5	9.4	8.3	7.8	6.7	5.1	3.1	1.6
36	3.4	4.1	5.9	7.1	7.6	8.3	6.6	6.4	5.3	4.4	3.3	2.3

Table 8

Average monthly regional index values for base reference period 1949-1958.

Index	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Kuroshio	-2.3	-2.3	-1.2	0.3	1.5	3.1	2.6	1.0	0.5	-3.7	-4.9	-4.1
Cross-Kuroshio	4.1	3.0	2.5	1.0	0.1	-0.9	-1.2	-1.2	-1.3	-0.5	0.6	3.3
Westerly	5.0	5.8	7.1	6.7	6.7	4.1	4.3	3.8	3.5	5.1	6.3	5.8
California	2.3	1.8	4.2	4.2	4.8	6.1	5.7	5.3	4.4	3.3	1.9	1.2
Alt. California	2.5	3.0	5.5	6.9	7.7	8.7	7.7	7.3	5.6	4.3	2.4	1.2
Trade	5.3	6.0	7.1	7.8	7.7	7.1	7.1	6.6	5.6	5.7	6.7	6.2
Alaska	2.0	0.8	-0.4	-0.3	0.8	-0.9	-1.9	-1.9	-1.1	0.4	1.8	2.0
Oyashio	1.0	3.1	1.5	-0.4	-0.6	0.1	-2.2	-2.2	0.3	-1.9	-1.2	0.8
Cross-Oyashio	1.2	1.8	2.7	2.9	3.6	1.1	1.2	1.2	2.0	4.3	5.4	3.3
North Pacific Gyre	3.8	4.2	5.5	5.8	5.9	5.3	5.2	4.6	3.8	3.9	4.4	4.1

Table 9

Monthly mean sea surface temperature at Triple Island, B.C.
in °F, for Dec. through Apr. 1941-1957

Year	DEC*	JAN	FEB	MAR	APR
1941	48.7	47.5	45.9	46.0	47.5
1942	47.8	46.3	46.2	45.2	46.3
1943	45.8	43.2	43.0	42.7	44.2
1944	47.6	46.7	45.5	44.3	45.4
1945	47.9	47.1	45.5	44.7	45.0
1946	44.7	44.2	43.6	44.1	44.6
1947	43.5	41.8	41.9	43.1	44.4
1948	46.8	44.8	43.0	43.0	44.3
1949	43.6	41.7	40.3	41.7	42.8
1950	45.0	39.5	40.5	41.6	43.4
1951	45.6	43.9	43.2	41.7	43.3
1952	44.9	43.0	42.4	42.5	43.8
1953	46.9	43.4	44.1	43.6	45.1
1954	47.4	44.4	42.6	42.8	43.5
1955	46.6	45.3	44.3	42.2	43.7
1956	43.3	42.7	42.7	42.5	43.7
1957	46.3	40.2	40.3	41.8	44.1

* Dec. values are for one year earlier than indicated.

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